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OUR TRAINEES GOT PLACED IN



.....Still
Counting



ABOUT US!

Payilagam, the **Best Software Training Institute In Chennai With 100% Placement Guarantee**, has been shaping successful IT careers with over **13+ Years Of Experience**. We provide real-time, industry-focused training led by **Experienced Professionals** from the IT industry, ensuring you gain practical skills that companies actually need. Our courses include **HTML, CSS, JavaScript, React, Java, Python, PostgreSQL, GitLab, And WordPress**, designed to make you job-ready from day one. At Payilagam, we don't just teach, we guide you step-by-step towards your career with our **100% Job Guaranteed Courses**, helping you confidently step into the IT industry.



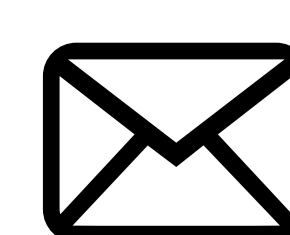
OUR INFRASTRUCTURE



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OUR LATEST PLACEMENTS



Megha **BE AI (2025)**

ML DATA ASSOCIATE ROLE 1



Sasireka **MSc. CS (2025)**

ASSISTANT SYSTEM ENGINEER



Divya Bharathi **BE ECE (2026)**

SOFTWARE ENGINEER



Ramya **B.E. CSE (2025)**

DATA ANALYST



Vidhya Varshini
B E Aeronautical (2025)

WEB DEVELOPER



Deenadhayalan **BSc CS (2025)**

TECHNICAL SUPPORT ENGINEER



Dharshini E **B.E CSE (2025)**

FULL STACK DEVELOPER INTERN



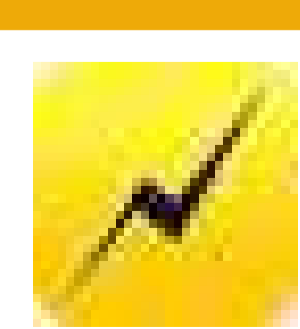
Vimala G **BE ECE (2016)**

SOFTWARE ENGINEER



Ramesh **B.Com (2025)**

SOFTWARE ENGINEER



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OUR LATEST PLACEMENTS



Sathish **MSc (2023)**

SOFTWARE ENGINEER



Ranjith **BSc Physics(2021)**

ANGULAR DEVELOPER



Bharath **MSc Maths (2021)**

ANGULAR DEVELOPER



Iyappan **MCA (2025)**

SOFTWARE ENGINEER



Bhuvana Sri R **B.E CSE (2025)**

SOFTWARE ENGINEER



Pavithra **MCA (2025)**

NETWORK ENGINEER



Keerthika **MCA (2025)**

REACT DEVELOPER



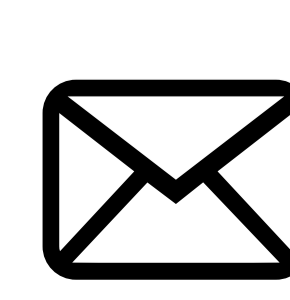
Vasanth S **B.E Mech (2021)**

SOFTWARE ENGINEER



Gayathri **BE CSE (2025)**

SOFTWARE ENGINEER



OUR LATEST PLACEMENTS



Vadivu Lakshmi G
MSc Chemistry(2018)

FULL STACK DEVELOPER INTERN



Ponvel M **BE CSE (2024)**

SOFTWARE ENGINEER

Thondrin
Information
Solutions



Uthaya **ME (2015)**

ANGULAR DEVELOPER



AJAY RAJA **B.Tech CSE (2025)**

DEVOPS ENGINEER INTERN



Ashok **BE ECE (2025)**

DATA ANALYST INTERN



Manikandan **B.Sc (2025)**

DATA ANALYST



Vigneshwaralingam
B.E CSE (2025)

SOFTWARE ENGINEER



Swetha.P **B.Sc CS (2025)**

SOFTWARE ENGINEER INTERN



Kavya S **BE CSE (2025)**

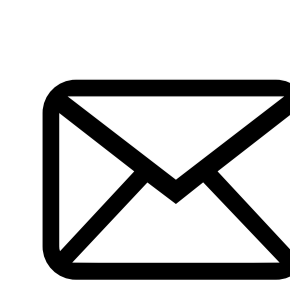
SOFTWARE ENGINEER INTERN



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JAVASCRIPT

Module 1: Variables And Date Types

- Understand Var, Let, And Const When And Why To Use Each
- Explore JavaScript's Powerful Dynamic Typing System
- Work With Strings, Numbers, Booleans, Null, Undefined, And More

Module 2: Operators & Logic

- Arithmetic, Assignment, Comparison, And Logical Operators
- Master The Building Blocks Of Computation And Condition

Module 3: Conditionals & Control Flow

- Decision-making with if, else, else if
- switch statement
- Ternary Operator
- Write clean, readable branching logic

Module 4: Loops & Iteration

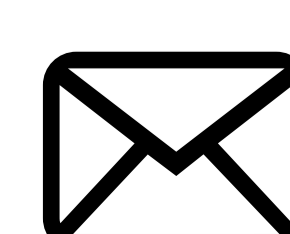
- for, while, and dowhile Loops
- Introduction To forEach() For Working With Arrays

Module 5: Functions

- Function Declarations
- Function Expressions
- Arrow Functions: Cleaner Syntax, Smarter Scopes
- Parameters, Return Values, And Function Composition
- Call Back Function, Closure, Constructor Function

Module 6: Objects & Arrays

- Introduction To Object
- Nested Objects, Object Methods
- Create And Manipulate Object Literals
- Understand This In Different Contexts
- Work With Arrays: push, pop, shift, unshift, splice
- Use Powerful Array Methods: map(), filter(), reduce() for real-world data tasks



JAVASCRIPT

Module 7: Document Object Model (DOM)

- **Selecting Elements:** Use Document.getElementById, ClassName, tagName, GetElementsByClassName, GetElementsByTagName, QuerySelector & So On
- Change Text, Classes, Styles, Attributes, Creating New Elements, Removing Existing Elements Dynamically
- **Event Handling:** onClick(), onMouseHover(), onDoubleClick(), Add Event Listeners, & So On

Module 8: Asynchronous

- Synchronous
- Asynchronous
- Callback And Callback Hell
- Promise
- Async/Await
- Application Programming Interface (Fetch and Axios API)

PROJECTS

Project 1: Counter App

- Variables, Data Types, Operators
- Interaction With HTML Elements Using DOM

Project 2: Password Hide/Show

- Inputs Types, Interaction With HTML Attributes Using DOM
- Event Handling (onClick())

Project 3: RunAwayButton

- Learn Button And Positions, Interaction With CSS Using DOM
- Event Handling (mouseHover())

Project 4: Typing Speed Checking

- Interaction With HTML Input Box Using DOM
- Event Handling (onInput(), onChange()), Using Arithmetic Operators



JAVASCRIPT

Project 5: To-Do List With Local Storage

- Introduction To Local Storage
- Storing And Retrieving Data
- Creating, Updating, And Deleting HTML Elements Dynamically
- Interaction With CSS (text-decoration)

Project 6: Image Slider

- Functions
- Conditional Statements, Looping
- CSS Positioning
- Event Handling, Basic Animations

Project 7: Calculator

- Use Inbuilt Functions
- Creating Attractive Calculator UI
- Operators, Conditional Statements, Mouse Hover Animations

Project 8: Form Validation

- Conditional Statements, Form Attributes, Event Handling
- Interaction With CSS Using DOM
- Validating Inputs Using Conditional Statements

Project 9: Weather Application

- Fetching Weather Data Using API
- Learn Asynchronous Functions
- Getting Data From JSON as Key And Value
- Using Array Methods: map, forEach
- Sending HTTP Requests

Project 10: Product Card

- Fetching Product Data Using API, Learn Asynchronous Functions
- Adding Features Like Add To Cart Button
- Looping Through Array Methods
- Event Handling (onClick(), onMouseHover())



JAVASCRIPT

Project 5: To-Do List With Local Storage

- Introduction To Local Storage
- Storing And Retrieving Data
- Creating, Updating, And Deleting HTML Elements Dynamically
- Interaction With CSS (text-decoration)

Project 6: Image Slider

- Functions
- Conditional Statements, Looping
- CSS Positioning
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Project 7: Calculator

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Project 8: Form Validation

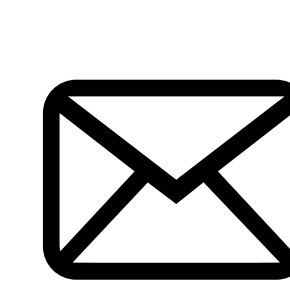
- Conditional Statements, Form Attributes, Event Handling
- Interaction With CSS Using DOM
- Validating Inputs Using Conditional Statements

Project 9: Weather Application

- Fetching Weather Data Using API
- Learn Asynchronous Functions
- Getting Data From JSON as Key And Value
- Using Array Methods: map, forEach
- Sending HTTP Requests

Project 10: Product Card

- Fetching Product Data Using API, Learn Asynchronous Functions
- Adding Features Like Add To Cart Button
- Looping Through Array Methods
- Event Handling (onClick(), onMouseHover())



JAVASCRIPT WITH AI

Module 9: AI With JavaScript

- Calling AI APIs Using Fetch (JavaScript)
- Text Generation Using AI (Input → Output)
- AI Auto Suggest Feature (Input Field Suggestions)
- AI-Based Search Logic (Basic)
- AI Response Handling In JavaScript
- Working With JSON AI Responses
- Prompt Basics For Developers
- Error Handling For AI API Calls
- Using AI APIs In Vanilla JS (No React)
- AI For Content Suggestions (Text Only)
- AI For Simple Data Processing
- Handling Async AI Calls (Promise / Async-Await)

Module 10: AI-Based Mini Projects

- AI Text Generator (Simple Web Page)
- AI Auto Suggest Input Field
- AI FAQ Answer Generator
- AI Content Helper Tool
- AI API Integration Mini Project

*****Assignments Will Be Given After Each Module*****



PLAYWRIGHT

Module 1: Introduction To Automation Testing

- What Is Software Testing?
- Manual Vs Automation Testing
- Why Automation?
- What Is Playwright?
- Playwright Vs Selenium Vs Cypress
- Supported Languages (Java, JS, TS)
- Companies Using Playwright

Module 2 : Playwright Setup & Project Structure

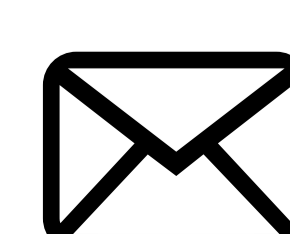
- Install Playwright
- Create First Playwright Project
- **Folder Structure Explanation**
 - Tests
 - Playwright.Config
- **Practical**
 - Create First Test
 - Open Browser And Launch Website

Module 3 : First Playwright Test

- Topics
- Test File Structure
- Test(), Expect()
- Browser, Page, Context
- Navigating To URL
- Practical
 - Open Google
 - Verify Page Title
 - Verify URL

Module 4 : Locators

- What Are Locators?
- **Types Of Locators:** GetByText(), GetByRole(), GetByLabel(), GetByPlaceholder(), CSS Selector, XPath, Best Locator Practices



PLAYWRIGHT

Module 4 : User Actions

- Click(), Fill(), Type(), Clear(), Check() / Uncheck(), Hover(), DoubleClick(), RightClick()
- **Practical**
 - Form Filling Automation
 - Checkbox & Radio Button Handling

Module 6: Handling Web Elements

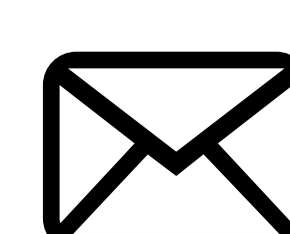
- Dropdown Handling
- Auto-Suggest Dropdown
- Alerts
- Frames / IFrames
- Multiple Tabs / Windows
- File Upload & Download
- **Practical**
 - Dropdown Selection
 - Handle Alert Popup
 - Switch Between Tabs

Module 7: Assertions & Validations

- Hard Vs Soft Assertions
- Expect().ToBe(), Expect().ToContain(), Expect().ToHaveText(), Expect().ToBeVisible(), Expect().ToBeEnabled()
- **Practical**
 - Validate Success Message
 - Validate Error Message

Module 8: Wait Mechanisms

- Why Waits Are Needed?, Auto Wait In Playwright
- Explicit Waits
- Timeout Handling
- **Practical**
 - Wait For Element
 - Wait For Page Load



PLAYWRIGHT

Module 9 : Screenshots , Videos

- Capture Screenshot
- Record Video
- **Practical**
 - Screenshot On Failure

Module 10 : Page Object Model (POM)

- What Is POM?
- Create Page Classes
- Reusability Concept
- Clean Test Design
- **Practical**
 - LoginPage

Module 11 : Data-Driven Testing

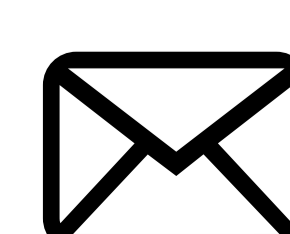
- Test Data Separation
- JSON Data Usage
- Multiple Data Sets
- **Practical**
 - Login Test With Multiple Users

Module 11 : Real-Time Mini Project

- Automation Of: Login, Dashboard Validation, Logout, Etc...

Module 12: AI For Playwright Automation

- Test Script Generation Using AI
- AI For Locator Suggestions, Writing Assertions
- AI For Debugging Playwright Test, Test Data Generation
- ChatGPT For Playwright Testing
- AI For API Testing Support, Writing Page Object Model Code
- AI For Handling Waits & Flaky Test, Cross Browser Testing Strategy
- AI For Test Case To Automation Conversion
- Prompt Writing For Automation Testers
- AI Tools For Faster Test Development, Improving Test Coverage



PLAYWRIGHT

Module 13: AI-Based Playwright Projects

- AI Test Script Generator (Playwright)
- AI Locator Generator Tool
- AI Debugging Assistant For Playwright
- AI-Based Test Automation Project (End-To-End)
- AI Test Case → Automation Converter

*****Assignments Will Be Given After Each Module*****



CI/CD PIPELINE WITH JENKINS

Module 1: Introduction To CI/CD

- What Is CI/CD?, Continuous Integration Vs Continuous Delivery
- Importance Of CI/CD In Automation Testing
- Real-Time CI/CD Workflow In IT Companies

Module 2: Introduction To Jenkins

- What Is Jenkins?, Jenkins Architecture, Jenkins Dashboard Overview
- Installing Jenkins, Jenkins Plugins Introduction

Module 3: Jenkins Setup For Playwright

- Install Node.Js In Jenkins, Install Playwright Dependencies
- Configure Environment Variables, Create Jenkins Freestyle Project

Module 4: Running Playwright Tests In Jenkins

- Connect GitHub Repository With Jenkins
- Pull Automation Code From GitHub
- Execute Playwright Test Cases Using Jenkins
- Generate Test Reports, Publish HTML Reports

Module 5: Jenkins Pipeline

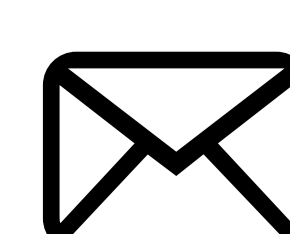
- What Is Jenkins Pipeline?, Introduction To Jenkinsfile
- Declarative Pipeline Basics, Pipeline Stages And Steps

Module 6: Automating CI/CD Workflow

- Trigger Automation Tests Automatically,
- GitHub Webhooks Integration
- Schedule Test Execution Using Cron Jobs
- Cross Browser Execution In Jenkins

Module 7: Reporting & Notifications

- Generate Playwright Test Reports
- Screenshots & Video Capture In Jenkins
- Email Notification Setup
- Build Success & Failure Notifications



CI/CD PIPELINE WITH JENKINS

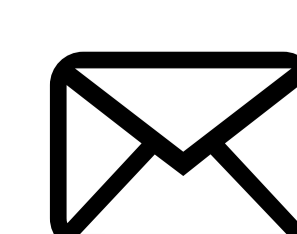
Module 8: Real-Time Practical

- Create End-To-End CI/CD Pipeline
- Push Code → Trigger Jenkins → Run Playwright Tests → Reports
- Execute Tests In Chrome, Firefox, And Edge

Module 9: Mini Project

- Complete Playwright Automation Framework With Jenkins CI/CD
- GitHub + Jenkins + Playwright Integration Project

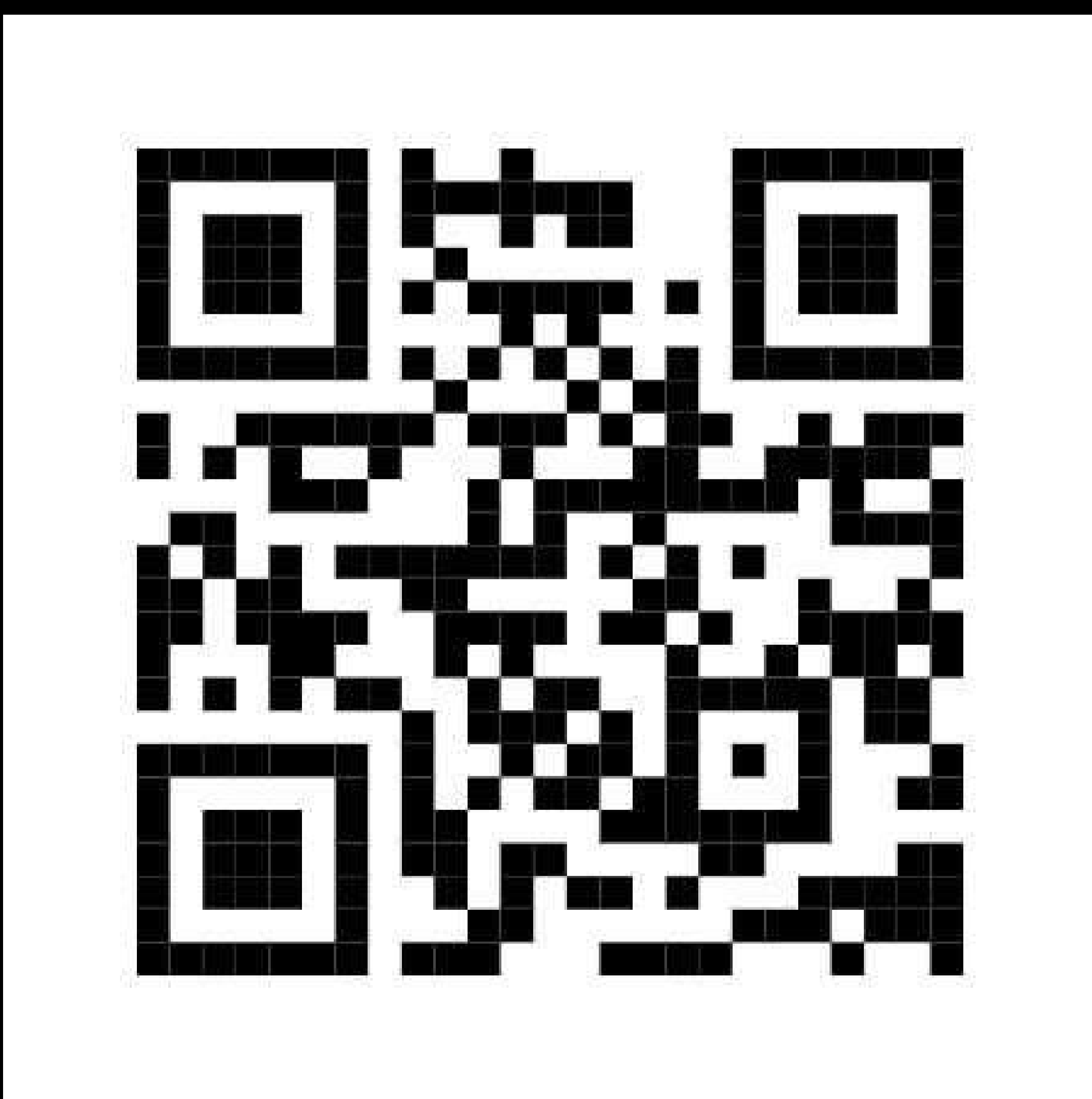
*****Assignments Will Be Given After Each Module*****



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