Project Instructions

While completing your research on multiparadigm languages in Module 2, you selected three languages used in industry that interested you.

For this project, you will either write a **research paper** OR **write code**.

Coding Project

- If you choose to code, you will write small code that displays the major difference between two languages in two different paradigms.
  Avoid codes like hello world or greatest of two/three numbers.
  Program or codes that are Acceptable:
    - *Program to check if a string is palindrome or not.*
    - *Reverse words in a given String.*
    - *Program for n-th Fibonacci number*
    - *Program for factorial of a number*
    - *Program to print all Prime numbers in an Interval.*
    - *Searching and Sorting Programs*

  Submission guidelines:

    - The codes should be well commented. Comment effectively so that it is easier to understand. For each concept, include a description.
    - You can submit the codes in a zip file on blackboard.
        - ReadMe file: Mention the programming language and compilers used.
    - You can also code your program in GitHub. In the blackboard submit URL to your GitHub account.

Research Paper

- If you choose to write a research paper, you will be comparing three different programming languages along with their usage in different industry. Your paper must be two pages or more, single-spaced. Feel free to select APA/MLA/IEEE styles for citations.

When comparing languages, for either option, you need to compare at least three concepts. Examples include *garbage collection method, implementation models used, types used, and parameter passing methods.* Make sure you do not compare syntax differences.