# Assignments1-3

Assignments 1,2 and 3 are added in the repository.

Lab assignments:

1.Employee

2.Area and perimeter of Shapes

3.Team matches result

Description:

Assignment 1

We create an Employee class in which different functions are written to

1. To calculate and print the base salary.
2. To add salary according to the condition.
3. To print the final salary.

Assignment 2

We find the area and perimeter of Square, Circle and Rectangle shapes in this program.

Assignment 3

We find the ranking of different teams in the football and basketball sport using the csv file provided.

Installation and development:

All programs are developed in Intellij Idea using maven automation tool. For testing Junit5 is used. Development is done using Java language.

Importing and Running the project through Intellij

Step 0: Open Intellij Idea. [Install, if not already installed.]

Step1: Click File > Import.

Step 2: In the Import wizard:

* 1. Click Git > Projects from Git and then click Next.
  2. Click Clone URI and click Next.
  3. In the Source Git Repository window, in the URI field, enter an existing Git repository URL, either local or remote and click Next.
  4. In the Branch Selection window, click all the branches that you want to clone from the remote repository and click Next.
  5. In the Local Destination window, ensure that the directory that you want to set as the local storage location for the repository is selected in the Directory field. Or, click Browse to select the location.
  6. The Cloning from *<GitHub\_repository>* window shows the progress of the cloning process.
  7. In the Select a wizard to use for importing projects window, Import as general project is selected by default. Click Next.
  8. In the Import Projects window, ensure that the Directory field shows the path to the directory where you want to import the projects and click Finish. Result: The imported project is listed in the Project Explorer view. The cloned repository of the remote Git repository is now located in the local file system.

Test Cases:

Different test cases are written for each assignment using Junit5.