2.4 Do-While Loop

This section will guide you to:

- Understand how to use Do-While Loop

Development Environment:

- Java 1.8

- Eclipse

This guide has three subsections, namely:

2.4.1 Creating a java class in eclipse

2.4.2 Executing the program

2.4.3 Pushing the code to your GitHub repositories

Step 2.4.1: Creating a java class in eclipse

The Do-While Loop in Java is used to iterate a part of the program several times. If the number of iterations is not fixed and you must have to execute the loop at least once, it is recommended to use Do-While Loop.

The Do-While loop in Java is executed at least once because the specified condition is checked after the loop body.

- Open Eclipse
- Click on File---> Click on New--->Project
- Select the Java project and click on Next
- Enter the project name and click on Finish
- Right click on Project---> New---> Package
- Enter the package name ---> Finish
- Right click on Package---> New---> Class
- Enter the class name---> click on Finish

Step 2.4.2: Executing the program

- Write the program for Do-While Loop and click on Save.
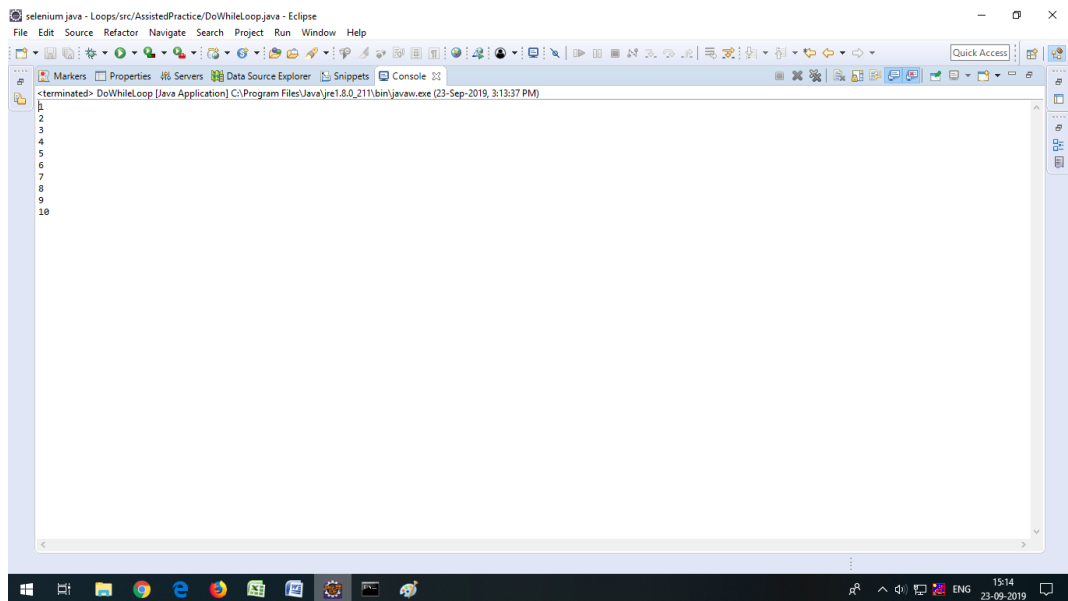
```
public class DoWhileExample
```

```
{
public static void main(String[] args)
{
    int i=1;
    do
{
        System.out.println(i);
    i++;
    }
while(i<=10);
}
}
```

- Click on Run and check the output in console.

Step 2.4.3: Pushing the code to your GitHub repositories

Open your command prompt and navigate to the folder where you have created your files.

cd java_program

Initialize your repository using the following command:

git init

Add all the files to your git repository using the following command:

git add .

Commit the changes using the following command:

git commit . -m "Changes have been committed."

Push the files to the folder you initially created using the following command:

```
git push -u origin master
```