# Unit - 3: Fundamentals of Java Programming

DATA TYPES AND VARIABLES

STEP 2: In the new file dialog box that appears, under the categories list, select Java and under the File Types list select Java Class (They should be already selected). Click on Next to create a new java Class file see this figure..
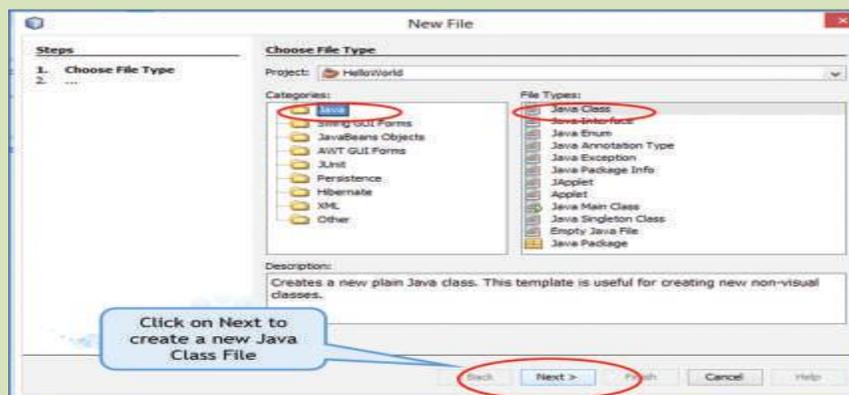

Figure:- Creating a New Java Class File

STEP 3: In the **New Java Class** dialog box, type a name in the **Class Name** text box. For our program, we type Percentage calculator, when you type the name of the class, the **Created File** field also changes automatically. Make sure the **Package** field displays the Hello world Package. Click on **Finish** to finish creating the new Java Class File and to return to the IDE.
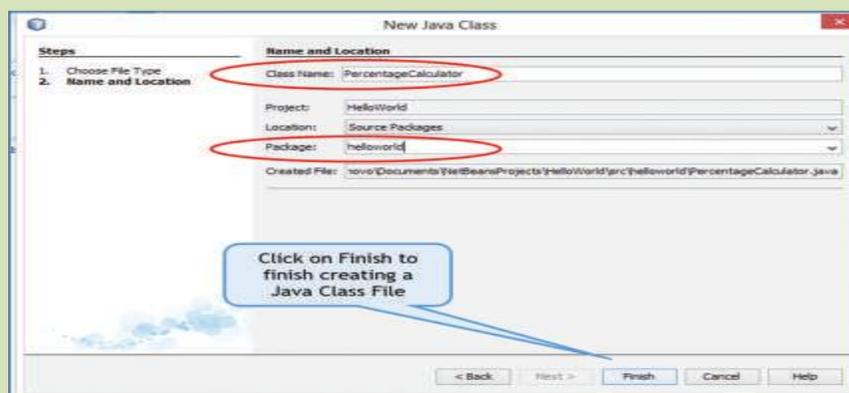
Figure:- Finish Creating a New File

Observe, that in the Projects tab, a file called `Percentage Calculator.Java` has been added to the Hello World Package this figure no 3.
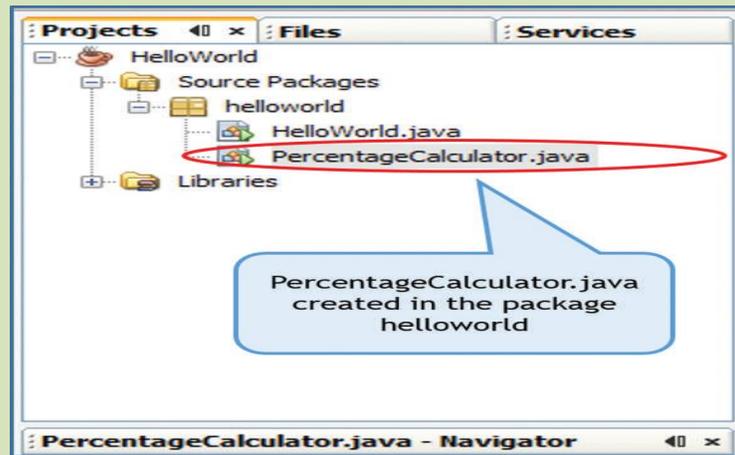
*Figure: New File Added to the package*

STEP: 4 Click in the Code Editor window under the `Percentage Calculator. Java` tab and type the Code show this figure. The Comments inserted by Netbeans Have been deleted for simplicity

Figure: The Percentage Calculator Program

STEP 5: Click **File Save(Ctrl+S)** save the file.

STEP:-6 Click **Run>Run File(Shift+F6)**to execute the program. The output of the program appears in the Output window is show this figure.
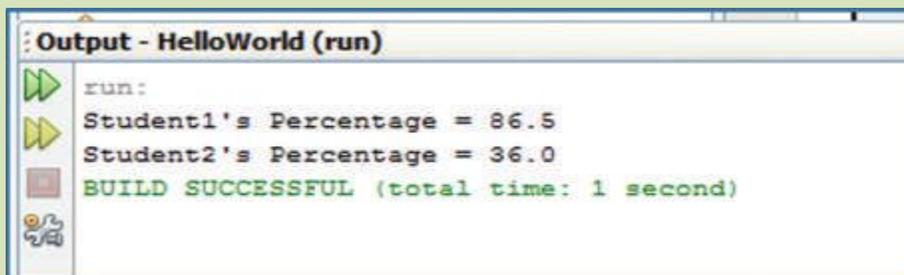
Figure:- Output from the Percentage Calculator Program

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