

## **Class, Object, variables and methods:**

**Class:** Collection of objects is called as class. It is basically a blue print which defines planned structure of a program.

According to camel convention name of class should be –

First letter of a word should be in capital letter or upper case.

Ex. FirstJavaProgram.java

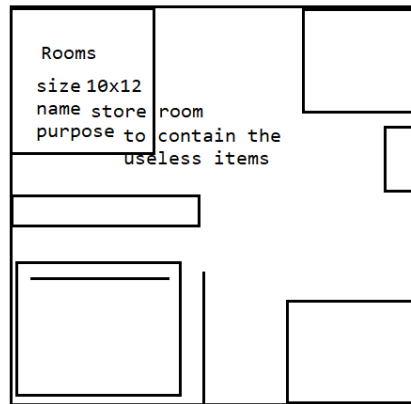
**Object:** It is an entity which comprises of state and behaviour in which state or properties can be defined through variables and behaviour or actions can be defined through methods.

**Variable:** It is the one which defines the properties of an object.

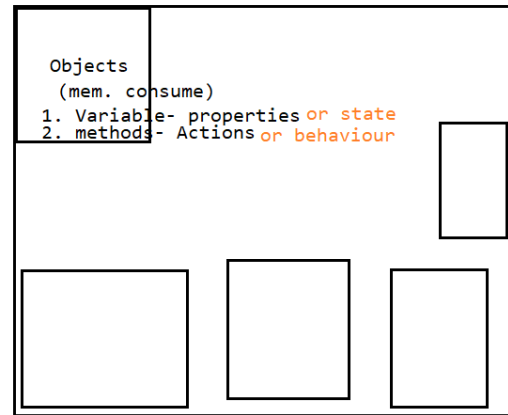
**Methods:** It is an action that we perform by the use of variables.

**Package:** collection of same category of classes combines together to form a package. A package contains multiple same category of classes.

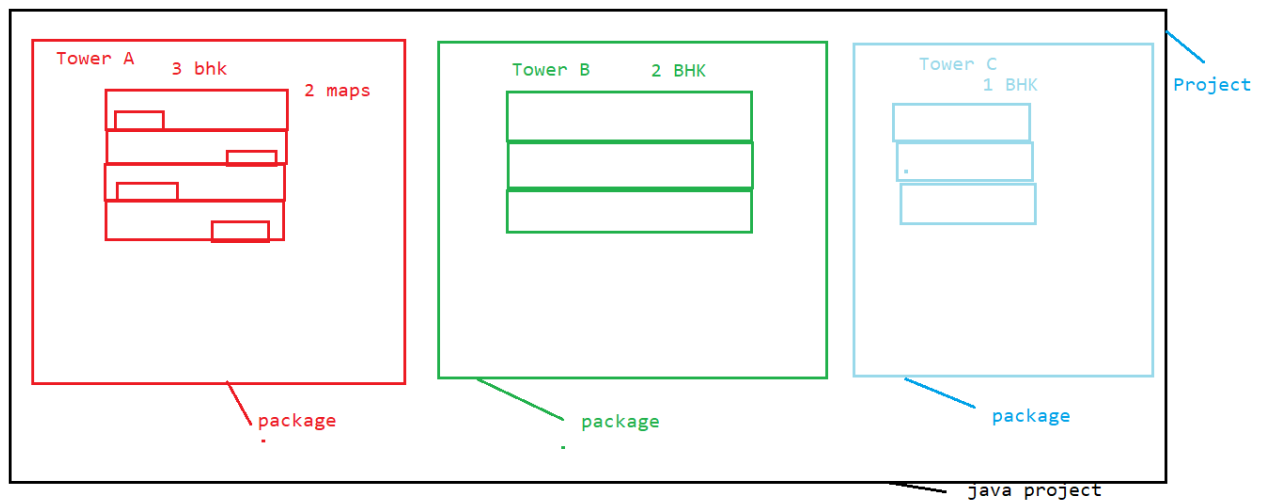
According to camel convention name of package should be in lower case or small letter.



• Map of house  
or  
Blueprint

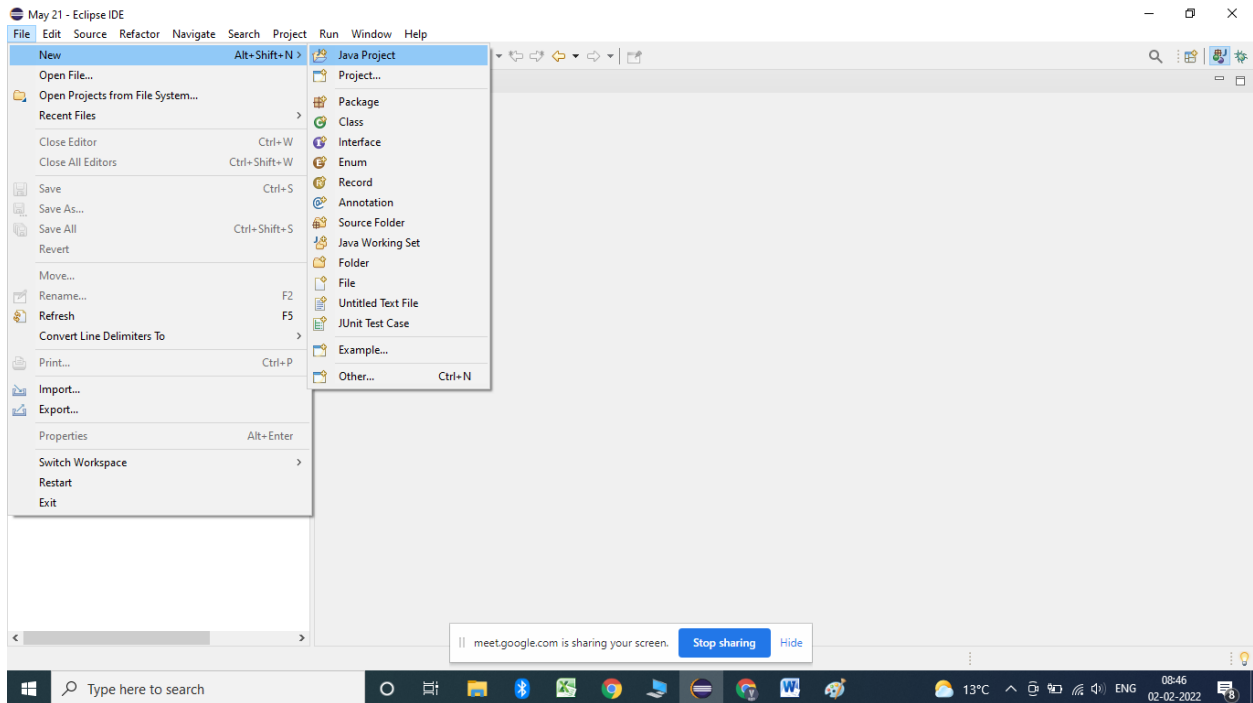


plan or Class of program  
Blueprint

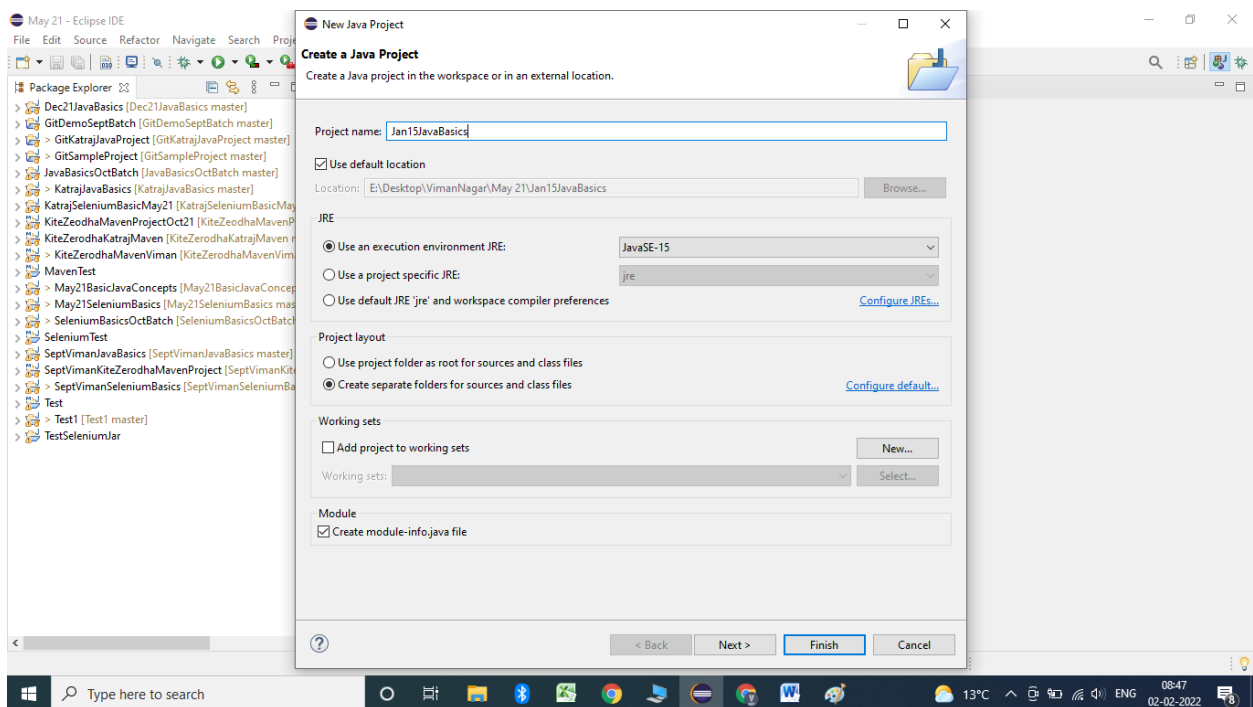


Steps to create java project:

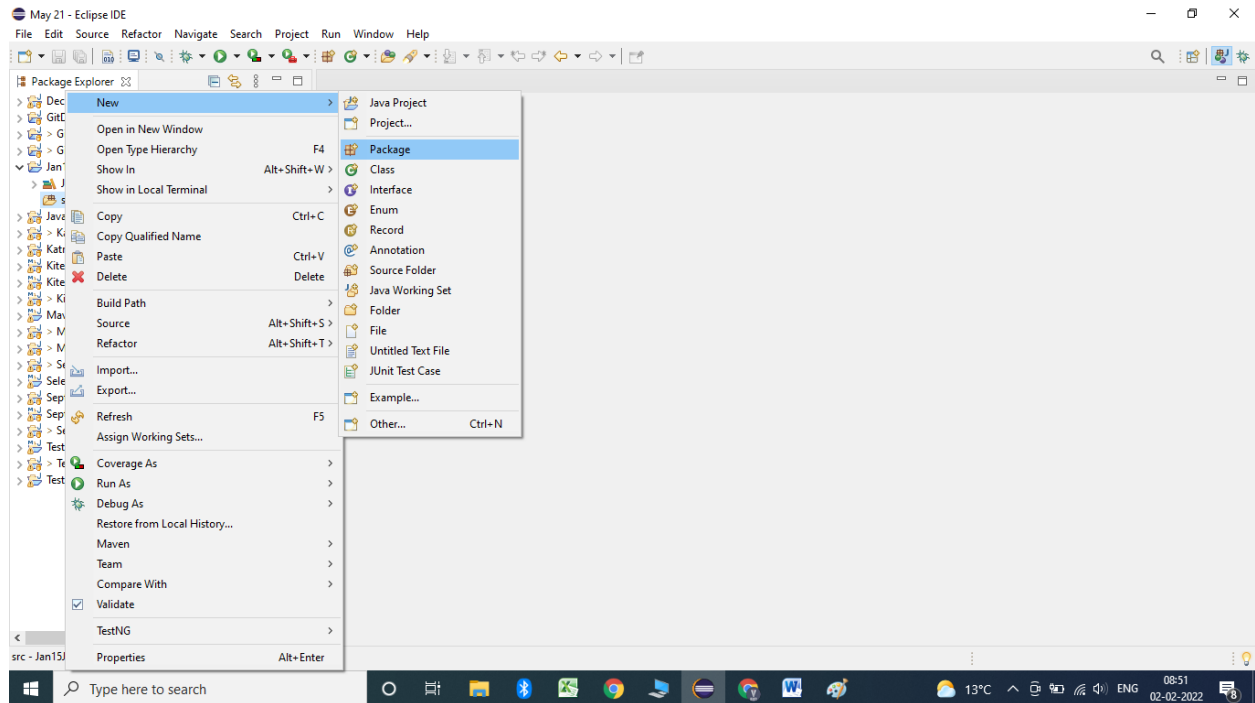
1. Inside eclipse go to the file – new- javaproject.



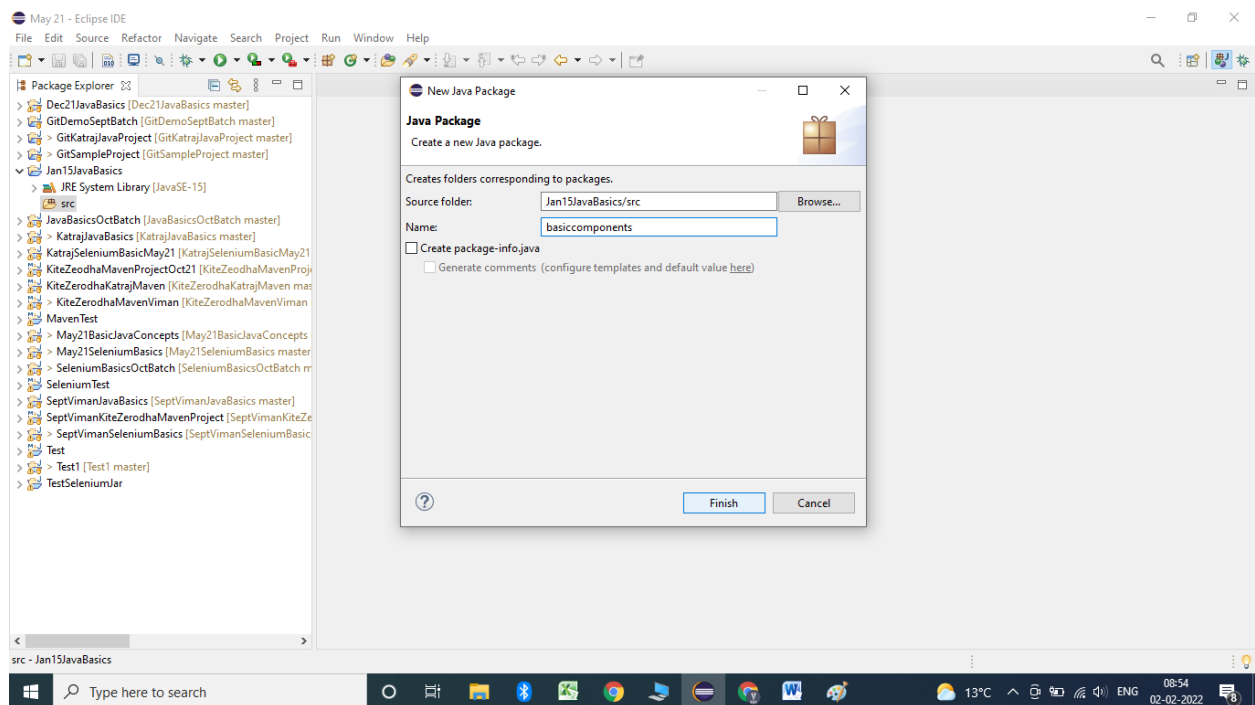
2. Provide the name of project and click on finish:



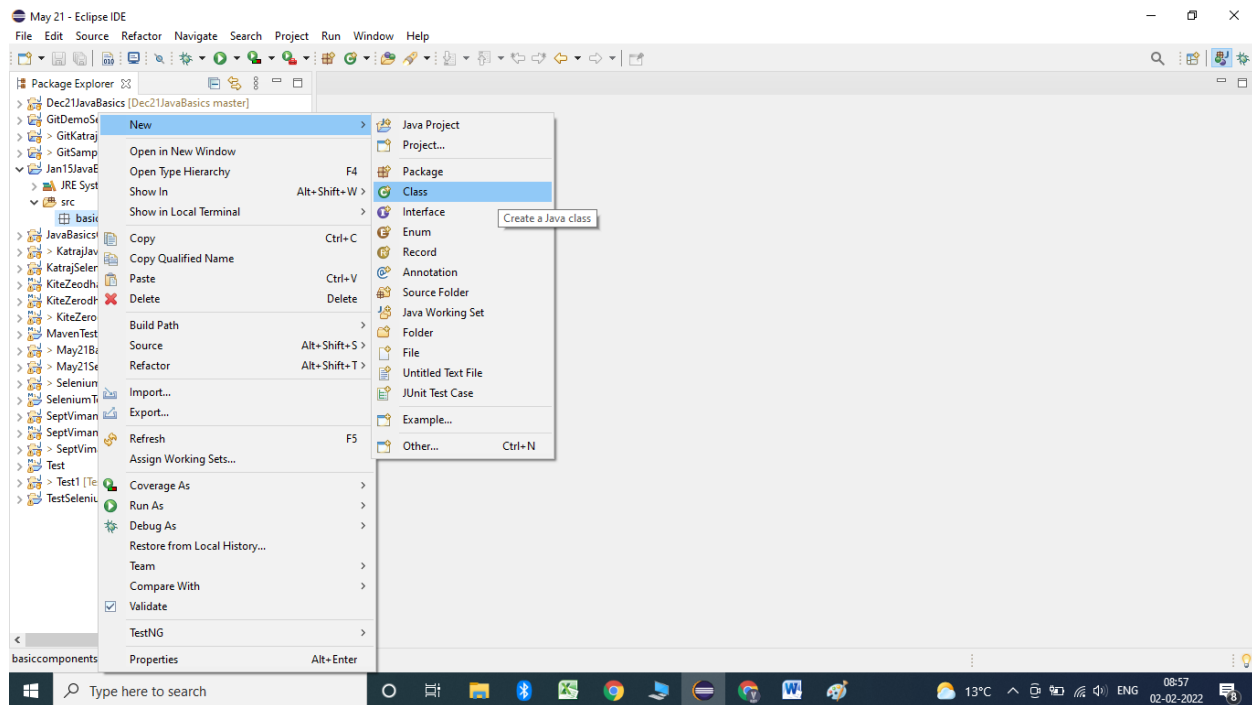
3. To create a package – Right click on src folder – new – package.



5. Enter the package name and click on finish.



6. To create a class Right click on the package – new – class.



7. Enter the name of class and click on finish.

