**ASSIGNMENT 5**

Q1

Ans : firstly we have to create a class which is only blue print. now we have to create a object using a keyword “new”.

Q2

Ans : The use of “new” keyword in java is to create object.

Q3

Ans : There are three types of variables in java:

1. instance variable.
2. static variable.
3. local variable.

Q4

Ans :

* Instance variable: These are the variables lies between class and main method. these are created with object. they are stored in “HEAP AREA”.
* Local variable: these are the variables under methods. they are stored in “stack memory”.

Q5

Ans : For instance variables : HEAP MEMORY

For local variables : STACK MEMORY

Q6

Ans : Method overloading is a feature in java programming in which we can create multiple method with same name but it act as different methods due to difference in parameters and data type.