## Q1:- How to create an object in java?

Ans: By using the 'new' keyword we can easily create an object in java.

## Q2:- what is the use of a new keyword in java?

Ans: the use of a 'new' keyword in java to create an object.

## Q3:- what are the different types of variables in java?

Ans: There are mainly 3 types of variables in java

1. <u>Local variable</u>:  A variable declared inside the body of the method is called local variable.
2. <u>Instance variable</u>: A variable declared inside the class but outside the body of the method, is called an instance variable.
3. <u>Static variable</u>:  A variable that declared with the keyword static is called static variable.

## Q4:- What is the difference between instance variable and local variables?

Ans:  The basic difference b/w these variable is that instance variable declared inside the class but outside the body of the method and local variable is declared inside the body of the method.

## Q5:- In which area memory is allocated for instance variable and local variable?

Ans: The memory area allocated for the instance variable is 'heap memory' and the memory area allocated for the local variable is ' stack memory'.

## Q6:- What is method overloading?

Ans: In object oriented programming if a class can have multiple methods with same name but different parameters is known as method overloading.