1. How to create an object in java?
2. What is the use of new keyword in java?
3. What are the different types of variables in java?
4. What is the difference between Instance variable and local variables?
5. In Which area memory is allocated for instance variable and local variable?
6. What is method overloading?

1(Ans) . To create an object in java we use a **new** keyword.

2(Ans) . We use a new keyword to create an object in java.

3(Ans) . Based on the behaviour and position of a declaration , there are 3 types of variables in java.
   a. Instance variable
   b. Static variable
   c. Local variable

4(Ans) .Whenever there is a variable **inside the main method** it's called local variable. Whenever there is a variable **outside** the main method but **it is in the class** it's called Instance variable.

We **canno**t access the instance variable directly in the static blocks.
We **can** access the local variable directly in the static blocks.

The scope of the instance variable is depend **on object**
The scope of the local variable depends **on the main method.**

5(Ans) . Local variables are created in the **stack**.
 Instance variables are created in the **heap** & are part of the **object** they belong to.

6(Ans) . Two methods are said to be overloaded if and only if both have the **same name** but **different argument** types.