1):-Object is created by help of new keyword in java which is created by JVM .It is done by the syntax classname object=new classname();

2):-new keyword is used to create an object.

3):-Different types of variables in java are instance variables ,local variables and static variable.

4):-Instance variable will be created at the time of object ceration and destroyed at the time of object destruction. It is stored in the heap.

Local variables will be created as part of the block execution in which it is declared and destroyed once that block execution completes. It is stored in stack.

5):-Memory allocation for instance variable placed on heap. But, memory allocation of of local variable placed on stack.

6):-Method overloading means to load the same method by different return type and different number of arguments.