

1. How to create an object in Java?

Ans: object can be created by using new keyword in java along with class name as datatype and a reference variable.

Eg. MyClass obj=new MyClass();

2.What is the use of a new keyword in java?

Ans: The new keyword in Java instantiates a class by allocating memory for an associated object.

3. What are the different types of variables in Java?

Ans: different types of variables in java are: instance variable, local variable and static variable.

4. What is the difference between Instance variable and local variables?

Ans:	instance variable	local variable
	1)instance variable created at the time of object creation.	1) local variables created at the time of execution.
	2) it is destroyed at the time of object destruction.	2) it is destroyed once the block execution completes.
	3) it's scope is same as scope of objects.	3) it's scope is same as scope of block in which declared.
	4) it is stored in the heap area of the memory.	4) it is stored inside the stack memory.

5. In which area memory is allocated for instance variable and local variable?

Ans: Instance variable stored in the heap area of the memory and local variable stored inside the stack memory.

6.What is method overloading?

Ans: Method overloading in java is a feature that allows a class to have more than one method with the same name, but with different parameters.