

Assingment day 10

1) We create an object in java to use “new” operator.

2) we say that “new” operator, JVM would allocate memory on the heap area.

3) There are five types of variables in java.

- i. Primitive variable.
- ii. Reference variable.
- iii. Local variable.
- iv. Instance variable.
- v. Static variable.

4)

Instance variable

- * If the value of a variable varies from object to object, it is called an instance variable.
- * It is stored in the heap.
- * Every object has a copy of an instance variable.
- * Creation and destruction depend on the object.

Local Variable

- * The variables whose requirements are temporary and which are declared inside the method are called local variables.
- * They are stored in the stack.
- * They are created and destroyed once.

5) The local variables will be stored in the stack and instance variables are stored in the heap.

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