1 -> Option-1 & Option-5

2 -> Error

3 ->Option-3

4 -> b = 30 , b = 20

5 -> Option-3

6 -> Compile Time Error

7 -> Option-3)Compilation Error at Line-6

8 -> Option-2)Compilation Error at Line-4

9 -> Option-1)Compilation fails

10 -> Option-2)3

11 -> Option-1)Compiler Error

12 -> Option-3)2

13 -> Option-1)An Exception will be thrown

14 -> Option-2)3

16)Class - class is a user define datatype, it is an blue print, consists of variables and methods. By using class we can create any number of objects.

object - Object is an real time entity, which consists of state, behaviour and identity. object occupies some space. Instance of class is object.

17)Constructor - Special type of method it used to initialize the state of an object

constructor of two types default and parametarized

ex:

public Emp(int empno, String ename){//Parametarized

this.empno = empno;

this.ename = ename;

}

public Emp() {//Default Constructo}