

1) What is a Constructor

Ans:- A constructor is similar to a method that is used to initialize the instance variable.
A constructor is automatically called and executed at the time of object creation.

2) What is Constructor Chaining ?

Ans:- In a class, writing of two or more constructors with the same name of class name with different types of parameters or different numbers of parameters is called constructor chaining or constructor overloading.

3) Can we call a subclass constructor from a superclass constructor ?

Ans:- No, but we can call a sub class constructor explicitly from a super class constructor.

4) What happens if you keep a return type for a constructor ?

Ans:- Constructor must not have return type, if we use a return type in a constructor then it will be treated as a normal method.

5) What is No-arg constructor ?

Ans:- Constructor without any argument is called a no-args constructor. It's like overriding the default constructor and used to do some pre-initialization

6) How is a No-argument constructor different from the default Constructor ?

Ans:- a) No arg constructor → It is a constructor having no arguments . It is defined by the programmer only. It can also initialize the variables.

b) Default constructor → It is a constructor having no parameters . It is defined by the java compiler automatically at time of object creation . It cannot initialize the variables.

7) When do we need Constructor Overloading ?

Ans:- When we want to perform different tasks with the help of constructors with different parameter or different number of parameters then Constructor Overloading comes into picture.

8) What is Default constructor Explain with an Example.

Ans:- If a constructor does not have any parameters is called Default constructor. While we creating an object and nothing will passed to the object then default constructor is called and executed automatically by the java compiler .