

"Few questions"

(1) What is a constructor? Constructor is used to initialize an object while creating it. To create a constructor we declare constructor name same as class name. It has no return type. And when we want to execute a code at the time of object creation then we put that code in constructor because constructor calls at the time of object creation.

(2) What is constructor chaining? by another when we call a constructor ~~with other~~ constructor is called constructor chaining. And to call a constructor ~~with~~ by another constructor we use `this()` / `super()` method. These are constructor calls. The first line inside the constructor can be `super()` / `this()`. If we are not writing anything then compiler will generate `super()`.

(1) `this()` method is used to call a constructor in same class.

(2) `super()` method is used to call parent class constructor.

Date ___/___/___

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

⇒ No, we cannot call a subclass constructor from a superclass constructor.

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

⇒ If we keep a return type for a constructor then it will become method of the class.

(5) What is No-arg constructor?

⇒ No-arg constructor means ~~it~~ is a parameterized constructor.

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

⇒ Default constructor does not have logic except the supercall(). And No-argument constructor can have logic including supercall().

(7) When do we need constructor overloading?

⇒ Constructor overloading means ^{use it} constructors have same name but different parameters. And ^{use it} when we initialize objects with different datatypes.

(8) What is Default constructor? Explain with an example?

⇒ If we don't write any constructor then compiler will generate a default constructor and if we write ^{at least one} ~~any~~ constructor then compiler will not generate any constructor. Default constructor have no arguments. It is a parameterized constructor. Default constructor is used for initializing the default values to objects.