

ASSIGNMENT-17(10FEB)

Q. What is Constructor?

Ans- Object Creation is not enough, compulsorily we should perform initialization then only the object is in a position to provide the response properly. Whenever we are creating an object some piece of the code will be executed automatically to perform initialization of an object. This piece of code is nothing but a constructor.

Q. What is constructor chaining?

Ans- A class can contain more than one constructor and all these constructors have the same name they differ only in the type of argument, hence the constructors are considered as Constructors Chaining.

Q. Can we call a subclass constructor from a superclass constructor?

Ans- A subclass can call a constructor defined by its superclass by use of the following form of super: super(parameter-list).

Q. What happens if you keep a return type of a constructor?

Ans- if we keep a return type of a constructor then it will become a method of the class.

Q. What is No-arg constructor?

Ans- No-arg constructor is a constructor that takes no arguments.

Q. How is no-argument constructor different from the default constructor?

Ans- For every java class constructor concept is applicable. If we don't write any constructor, then the compiler will generate a default constructor.

Q. Why do we need constructor overloading?

Ans- A class can contain more than one constructor and all these constructors have the same name they differ only in the type of argument, hence the constructors are considered as Constructors overloading.

Q. what is default constructor Explain with an example?

Ans- For every java class constructor concept is applicable. If we don't write any constructor, then the compiler will generate a default constructor.

Example:- public class MyClass {

private int value;

public MyClass() {

value = 0; // initialize value to 0

```
}
```

```
// other methods and constructors
```

```
}
```