

## CONSTRUCTOR

### PROGRAMS:

- 1) Write a program to print the names of students by creating a student class by using default constructor.
- 2) Write a program to print the names of laptops by creating a laptop class by using parameterized constructor.
- 3) Write a program of class desktop and inherit it from laptop class by using default and parameterized constructor methods with super keyword.
- 4) Guess the output for the following programs:

```
package org.test;
```

```
public class A extends B{  
    public A() {  
        System.out.println("Default const...");  
    }  
}
```

```
public static void main(String[] args) {  
    A a = new A();  
}  
}
```

```
package org.test;
```

```
public class B {  
    public B() {  
        System.out.println("Super class");  
    }  
}
```

5) Guess the correct output:

```
package org.test;
```

```
public class A extends B{  
    public A() {  
        System.out.println("Default const...");  
    }  
}
```

```
public static void main(String[] args) {  
    A a = new A();  
}
```

```
package org.test;
```

```
public class B {  
    public B() {  
        System.out.println("Super class");  
    }  
    public B(int val) {  
        System.out.println("the val is: "+val);}  
}
```

## **THEORY:**

- 1) What is mean by constructor?
- 2) What are the types of constructor?
- 3) Do constructors have any return type?
- 4) Syntax for creating constructor?