

```
class ConstructorDemo {
```

```
    int a, b;
```

```
    char c;
```

```
    ConstructorDemo () {
```

```
        a = 0;
```

```
        b = 0;
```

```
        c = 'C';
```

```
    }
```

```
    ConstructorDemo (int a, int b, and char c) {
```

```
        this(c);
```

```
        this.a = a;
```

```
        this.b = b;
```

```
    }
```

```
    ConstructorDemo (char c) {
```

```
        this.c = c;
```

```
    }
```

```
    void display () {
```

```
        System.out.println("a = " + a);
```

```
        System.out.println("b = " + b);
```

```
        System.out.println("c = " + c);
```

```
    }
```

```
    public static void main (String [] args) {
```

```
        ConstructorDemo ob1 = new ConstructorDemo();
```

```
        ConstructorDemo ob2 = new ConstructorDemo  
            (4, 5, 'O');
```

ob1. display();

ob2. display();

}

}

O/p

a = 0

b = 0

c = C

a = 4

b = 5

c = 0