Constructor:

1. class A
```
{
        A()
        {
                System.out.println(" Welcome ");
        }
}

class Demo1
{
        public static void main(String aa[])
        {

                new A();
                new A();
                new A();
        }
}
```

2. Constructor Overloading:

```
        class B
        {
                int x;

                B()
                {
                        System.out.println(" X : "+x);
                }

                B(int y)
                {
                        this.x=y;
                        System.out.println(" X : "+x);
                }
        }

        class Demo2
        {
                public static void main(String aa[])
```

```
        {
                new B();

                new B(50);
        }
}
```

3. Extending constructor:

```
        class C
{
        C()
        {
                System.out.println(" Hai ");
        }
        C(int x)
        {
                System.out.println("   X  : "+x);
        }
}
class D extends C
{
        D()
        {
                super(30);
                System.out.println(" Welcome ");
        }
}

class Demo3
{
        public static void main(String aa[])
        {
                new D();
```

```
        }
}
```

4. Calling super class constructor

```
class E
{
        int x;
        E()
        {
                System.out.println(" Hai ");
        }
        E(int y)
        {
                this.x=y;
                System.out.println(" X : "+x);
        }
        E(int x,int y)
        {
                System.out.println("  "+x+"    "+y);
        }
}
class F extends E
{
        F()
        {
                super(10,10);
                System.out.println(" Class F ");
        }
}

class Demo4
{
        public static void main(String aa[])
        {
                new F();
        }
}
```