

## Constructor

```
class Test
{
    public static void m1()
    {
        m2();
    }
    public static void m2()
    {
        m1();
    }
    public static void main(String[] args)
    {
        System.out.println("Hello");
    }
}
```

No problem it'll print  
Hello

```
class Test
{
    public static void m1()
    {
        m2();
    }
    public static void m2()
    {
        m1();
    }
    public static void main(String[] args)
    {
        System.out.println("Hello");
        m1();
    }
}
```

But this one will give  
stackoverflow error because recursive method calling

## But for this compiler will give exception

```
class Test
{
    Test()
    {
        this(10);
    }
    Test(int i)
    {
        this();
    }
    public static void main(String[] args)
    {
        System.out.println("Hello Don't Sleep!!!!");
    }
}
```

Test.java:7: error: recursive constructor invocation  
Test(int i)  
^  
1 error