

# Method

Date: 22<sup>th</sup> Feb 2024

## //3: non-static regular method from same class

```
package Methods;

public class Sample4
{
    //3: non-static regular method from same class

    public static void main(String[] args)
    {
        //1: Create object of current/same class
        //2: method call --> objectName.methodName();

        // className objectName=new className();           //object creation
        //objectName.methodName();

        Sample4 s4 = new Sample4();
        s4.m5();
        s4.m6();
        s4.m6();      //method reuse

        //1: Sample4 --> className -> datatype / objectType
        //2: s4      --> objectName -> use to identify/refer object
        //3: new     --> keyword   --> use to create blank/empty object
        //4: Sample4() --> className() --> Constructor --> use to copy/load
        all the members of class into object
    }

    //non-static regular method
    public void m5()
    {
        System.out.println("running non-static regular method: m5");
    }

    //non-static regular method
    public void m6()
    {
        System.out.println("running non-static regular method: m6");
    }
}
```

## //4: non-static regular method call from diff class

```
package Methods;

public class Sample5
{
    //4: non-static regular method call from diff class

    public static void main(String[] args)
    {
        //1: Create object of diff class
        //2: method call -> diffClassName.methodName();

        Sample6 s6=new Sample6();
        s6.m7();
        s6.m8();
        s6.m8();    //method reuse
    }
}
```

```
package Methods;

public class Sample6
{
    public void m7()
    {
        System.out.println("running non-static regular method m7 from diff class");
    }

    public void m8()
    {
        System.out.println("running non-static regular method m8 from diff class");
    }
}
```

