

Access Modifiers.

```
package testModifiers;

// Blueprint testModiufires pkg
public class Student {
    private String name; // private
    int batchId; // default

    protected double psp;

    public String universityName;

    public void changeBatch(int newBatchId) {
        name = "Ayush";
        batchId = newBatchId;
        psp = 100;
        universityName = "ABC";
    }

    public void lmn() {
        psp = 20;
    }

    public void vcv() {
        this.name = "Aush";
    }

    public static void mnb() {
        System.out.printf("Kuch bhii");
    }
}
```

```
package testModifiers;

public class Client3 {

    public static void main(String[] args) {
        Student s = new Student();
        s.lmn();
        s.mnb();
    }
}
```

```
}
```

```
package testModifiers;
```

```
public class Client2 extends Student{
```

```
    public void doS() {  
        this.batchId = 12;  
        this.psp = 40;  
    }
```

```
}
```

Static keyword

```
package Amaxon;
```

```
public class MathsUtil {
```

```
    public static int add(int a, int b) {  
        return a + b;  
    }
```

```
    public int diff() {  
        return 2;  
    }
```

```
}
```

```
package Amaxon;
```

```
public class Team1 {
```

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

```
// MathsUtil mathsUtil = new MathsUtil();
// System.out.println(mathsUtil.add(2, 3));

    System.out.println(MathsUtil.add(2, 3));
    System.out.print(MathsUtil.diff());
}

}
```

```
package Amaxon;
```

```
public class Team2 {

    public static void main(String[] args) {
        MathsUtil mathsUtil = new MathsUtil();
        System.out.println(mathsUtil.add(3, 3));
    }

}
```

```
package Amaxon;
```

```
public class Team3 {

    public static void main(String[] args) {
        MathsUtil mathsUtil = new MathsUtil();
        System.out.println(mathsUtil.add(4, 3));
    }

}
```

```
/*
```

```
MathUtils
```

All the objects are performing same operator

mathUtil1 -

mathUtil2 -

mathUtil3

mathUtil1.add()

mathUtk2 .add()

Studnet

student1 - susan
studnet2 - akhil
student3 = subash
*/

}