

## 8. ACCESS MODIFIERS

### 1. Private -

```
class Demo
{
    private int data=40;
    private void msg()
    {
        System.out.println("Hello java");}
}

public class Excercise1
{
    public static void main(String args[])
    {
        Demo obj=new Demo();
        System.out.println(obj.data);//Compile Time Error
        obj.msg();//Compile Time Error
    }
}
```

### 2.Default-

```
package mypack;
class Demo
{
    void msg()
    {
        System.out.println("Hello");
    }
}
class Excercise2
{
    public static void main(String args[])
    {
        Demo obj = new Demo();
        obj.msg();
    }
}
```

### 3. Protected-

```
package pack;
public class Demo
{
    protected void msg()
    {
        System.out.println("Hello");
    }
}
```

```

    }
}

package mypack;
import pack.*;
class Excercise3 extends Demo
{
    public static void main(String args[])
    {
        Excercise3 obj = new Excercise3();
        obj.msg();
    }
}

```

#### 4. Public-

```

package pack;
public class Demo
{
    public void msg()
    {
        System.out.println("Hello");
    }
}

```

```

package mypack;
import pack.*;
class Excercise4
{
    public static void main(String args[])
    {
        Excercise4 obj = new Excercise4();
        obj.msg();
    }
}

```