

Day01

```
package day01;
public class MobileApp {
    public String name;
    protected double version;
    boolean isFree;
    private String developer;
}
```

```
package day01;

public class Facebook extends MobileApp {
    public String name;
    protected double version;
    boolean isFree;
}
```

-name is public , so it is inherited
-version is protected, is inherited
-isFree is default, and sub class is
In same package, that's why inherited
-developer is not inherited because it
Is private

Day02

```
package day02;
import day01.MobileApp;

public class YouTube extends MobileApp {
    public String name;
    protected double version;
}
```

-name is public , so it is inherited
-version is protected, is inherited
-isFree is default is not inherited because , default
Is accessible only in same package
-developer is not inherited because it
Is private

Day01

```
package day01;
public class MobileApp {
    public String name;
    protected double version;
    boolean isFree;
    private String developer;
}
```

```
package day01;

public class MobileAppService {
    main {
        public String name;
        protected double version;
        boolean isFree;
    }
}
```

Day02

-name is public , so it is inherited
-version is protected, is inherited
-isFree is default is not inherited because , default
Is accessible only in same package
-developer is not inherited because it
Is private

```
package day02;
import day01.MobileApp;

public class YouTube extends MobileApp {
    public String name;
    protected double version;
}
```

```
package day02;
import day01.MobileApp;

public class AppService {
    main {
        MobileApp m = new MobileApp();
        m.name = "Visa";
    }
}
```

```
package day01;  
public class MobileApp {  
    private String name;  
    private double version;  
  
    Public Getter/setter for those  
}
```

- name, and version are not inherited to FaceBook class,
- However Facebook class inherited public setters and getters
- Facebook class can use those methods to assign / read data from name and version

```
package day01;  
  
public class Facebook extends MobileApp  
{  
    setName(), getName(),  
    setVersion(), getVersion();  
}
```

Admin1

