

Lab Practical -> 6

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1) Write a Java program to implement the concept of importing classes from user defined package and created packages.

- **SIMPLE CLASS**

```
package mypack ;

public class Simple {

    public static void demo()

    {

        System.out.println("Method of Simple class") ;

    }

    public static void main(String[] args)

    {

        System.out.println("simple class");

    }

}
```

- **MyClass CLASS**

```
import mypack.Simple
```

```

public class MyClass {

    public static void main(String[] args) {

        System.out.println("Welcome to package");

        Simple s = new Simple() ;

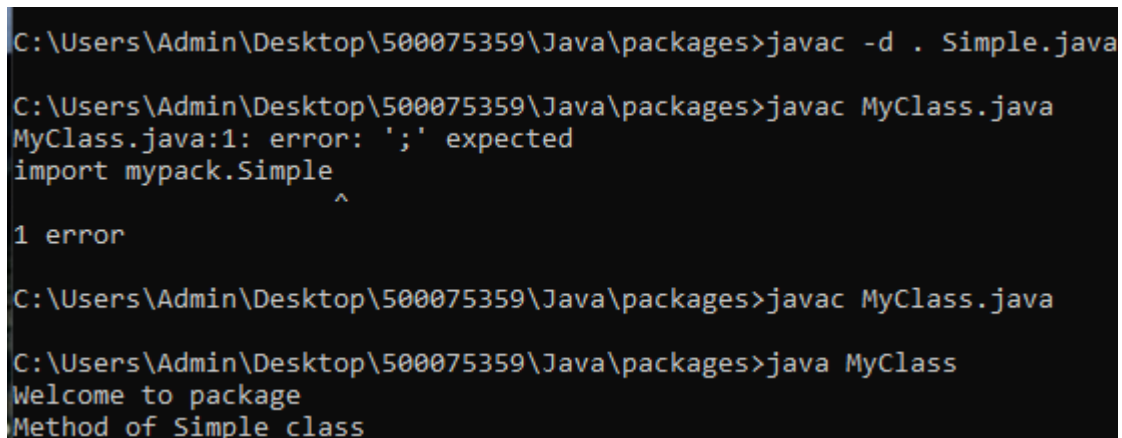
        s.demo() ;

    }

}

```

OUTPUT:-



```

C:\Users\Admin\Desktop\500075359\Java\packages>javac -d . Simple.java

C:\Users\Admin\Desktop\500075359\Java\packages>javac MyClass.java
MyClass.java:1: error: ';' expected
import mypack.Simple
                ^
1 error

C:\Users\Admin\Desktop\500075359\Java\packages>javac MyClass.java

C:\Users\Admin\Desktop\500075359\Java\packages>java MyClass
Welcome to package
Method of Simple class

```

2) Write a program to make a package Balance. This has an Account class with Display_Balance method. Import Balance package in another program to access Display_Balance method of Account class.

Code ->

- **ACCOUNT CLASS**

```
package balance;
```

```
public class Account{
```

```

double balance = 200.45 ;

public void Display_Balance()
{
    System.out.println("The balance is : " + balance);
}

public static void main(String args[])
{
    System.out.println("Account Class");
}
}

```

- **BALANCE CLASS**

```

import balance.Account;

class Balance
{
    public static void main(String args[])
    {
        System.out.println("Balance Class");

        Account obj = new Account();

        obj.Display_Balance();
    }
}

```

OUTPUT:-

```
C:\Users\Admin\Desktop\500075359\Java\packages>javac MyClass.java

C:\Users\Admin\Desktop\500075359\Java\packages>java MyClass
Welcome to package
Method of Simple class

C:\Users\Admin\Desktop\500075359\Java\packages>javac -d . Account.java

C:\Users\Admin\Desktop\500075359\Java\packages>javac Balance.java

C:\Users\Admin\Desktop\500075359\Java\packages>java Balance
Balance Class
The balance is : 200.45
```