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## Experiment No – 10

AIM: To implement Package (CO2)

### THEORY:

Package in Java is a mechanism to encapsulate a group of classes, sub packages and interfaces. To create package in Java: - First create a directory within the name of the package. - Create a java file in the newly created directory. - In this java file you must specify the package name with the help of package keyword. - Save this file with same name of public class Note: only one class in a program can declare as public.

CODE (i): WAP to create a user defined package & import the package in another program.

J Greetings.java X

Exp10 > UserDefinedPackage > J Greetings.java > ...

```
1 package Exp10.UserDefinedPackage;
2
3 public class Greetings {
4     public void greet(){
5         System.out.println(x: "Prerna Sunil Jadhav - 60004220127\n");
6         System.out.println(x: "You are welcome to the JAVA world");
7     }
8 }
```

J English.java X

Exp10 > J English.java > ...

```
1 package Exp10;
2 import Exp10.UserDefinedPackage.Greetings;
3
4 public class English {
5     Run | Debug
6     public static void main(String[] args) {
7         Greetings g = new Greetings();
8         g.greet();
9     }
10 }
```



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Academic Year: 2022-2023

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### Output:

```
Prerna Sunil Jadhav - 60004220127
```

```
You are welcome to the JAVA world
```

### Conclusion:

Thus we implemented Package