**Object-Oriented Programming Lab Report**

**Autumn 2023**

**Lab Experiment 6**

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Date of experiment: 20-09-2023



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**Assignment-1**

*Write a program to store a simple program in a package.*

**Java code:**

// WAP in java to store a simple program in a package and call it from another class.

// Author: Ansh Garg

package Experiment6;

public class assign {

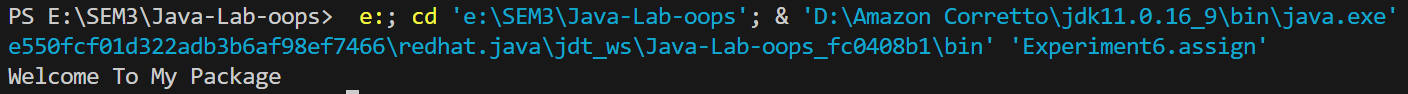
    public static void main(String[] args) {

        System.out.println("Welcome To My Package");

    }

}

**Screenshot of the output:**



**Assignment-2**

*WAP in Java*

*-> Create a Program Simple2.jaca put it in package mypack*

*-> Create a custom method “void disp1()”, print “This is Simple 2”*

*-> Create Simple 3 java in “mypack”. Call “void disp1()” from the program.*

*-> Create Simple4.java and put in “mypack2”*

*-> Call “Void disp1()” from Simple.java using package import*

**Simple-2**

**Java Code:**

// WAP in Java

// -> Create a Program Simple2.jaca put it in package mypack

// -> Create a custom method “void disp1()”, print “This is Simple 2”

// -> Create Simple 3 java in “mypack”. Call “void disp1()” from the program.

// -> Create Simple4.java and put in “mypack2”

// -> Call “Void disp1()” from Simple.java using package import

// Author: Ansh Garg

// Roll No:22

// SAP ID: 500105015

package Experiment6;

public class Simple2 {

    public void disp1() {

        System.out.println("This is Simple2");

    }

}

{

    Mammal(int numberOfLimbs, int numberOfEyes)

    {

        super(numberOfLimbs, numberOfEyes);

    }

}

public class p10 {

    public static void main(String[] args)

    {

        Bird s = new Bird(2, 2, 2);

        System.out.println("Bird:");

        s.displayCharacteristics();

        System.out.println();

        Mammal d = new Mammal(4, 2);

        System.out.println("Mammal:");

        d.displayCharacteristics();

    }

}

}

**Simple-3**

**Java Code:**

// WAP in Java

// -> Create a Program Simple2.jaca put it in package mypack

// -> Create a custom method “void disp1()”, print “This is Simple 2”

// -> Create Simple 3 java in “mypack”. Call “void disp1()” from the program.

// -> Create Simple4.java and put in “mypack2”

// -> Call “Void disp1()” from Simple.java using package import

// Author: Ansh Garg

// Roll No:22

// SAP ID: 500105015

package Experiment6;

public class Simple3 {

    public static void main(String[] args) {

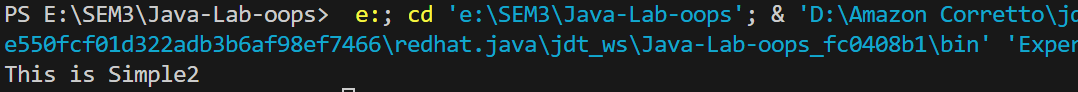
        Simple2 obj = new Simple2();

        obj.disp1();

    }

}

**Output:**

****

**Simple-4**

**Java Code:**

// WAP in Java

// -> Create a Program Simple2.jaca put it in package mypack

// -> Create a custom method “void disp1()”, print “This is Simple 2”

// -> Create Simple 3 java in “mypack”. Call “void disp1()” from the program.

// -> Create Simple4.java and put in “mypack2”

// -> Call “Void disp1()” from Simple.java using package import

// Author: Ansh Garg

// Roll No:22

// SAP ID: 500105015

package mypack2;

import Experiment6.Simple2;

public class Simple4 {

    public static void main(String[] args) {

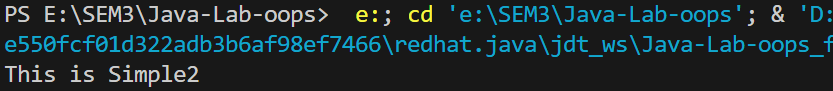
        Simple2 obj = new Simple2();

        obj.disp1();

    }

}

**Output:**

****