**Practice-Project2**

**Access Modifiers**

**Source code:**

//1. Class is having Default access modifier

class defAccessSpecifier

{

void display()

{

System.out.println("You are using defalut access specifier");

}

}

public class accessSpecifiers1 {

public static void main(String[] args) {

//default

System.out.println("Dafault Access Specifier");

defAccessSpecifier obj = new defAccessSpecifier();

obj.display();

}

}

//2. using private access specifiers

class priaccessspecifier

{

private void display()

{

System.out.println("You are using private access specifier");

}

}

public class accessSpecifiers2 {

public static void main(String[] args) {

//private

System.out.println("Private Access Specifier");

priaccessspecifier obj = new priaccessspecifier();

//trying to access private method of another class

//obj.display();

}

}

//3. using protected access specifiers

package pack1;

public class proaccessspecifiers {

protected void display()

{

System.out.println("This is protected access specifier");

}

}

//create another package

package pack2;

import pack1.\*;

public class accessSpecifiers3 extends proaccessspecifiers {

public static void main(String[] args) {

accessSpecifiers3 obj = new accessSpecifiers3 ();

obj.display();

}

}

//4. using public access specifiers

package pack1;

public class pubaccessspecifiers {

public void display()

{

System.out.println("This is Public Access Specifiers");

}

}

//create another package

package pack2;

import pack1.\*;

public class accessSpecifiers4 {

public static void main(String[] args) {

pubaccessspecifiers obj = new pubaccessspecifiers();

obj.display();

}

}

**Output:**

Dafault Access Specifier

You are using defalut access specifier

This is protected access specifier

This is Public Access Specifiers