Design Patterns

W1A1

Topic: - WAP to show the difference between Public and Default access specifiers.

Code: -

userDetails.java

package users\_package;

public class UserDetails {

void showName(){ // Default Access Modifier

System.out.println("Hi Sushant");

}

public void showAge(){ // Public Access Modifier

System.out.println(19);

}

}

javac -d . userDetails.java

Output: - A new folder same as file name will be created and it will contain .class file which is our package that can be imported.



Code: -

Sushant.java

import users\_package.UserDetails;

class Sushant {

public static void main(String[] args){

UserDetails userDetails = new UserDetails();

userDetails.showAge();

}

}

java Sushant.java

Output: - Age will be printed in the console because the function is public and it can be accessed anywhere.



userDetails.showName(); // It will not work as it is not public.

