Program 4 :What is the purpose and difference in public,private and protected access specifiers. Illustrate a design example with this.

Code :

Personal.java:

**package** customer;

**public** **class** Personal { // main class

**private** **long** customerMobile; // private Access Specifier

**protected** String customerAddress; // protected Access Specifier

**public** **int** itemsOrder; // public Access Specifier

**public** **void** PersonalDetails(**long** customerMobile, String customerAddress, **int** itemsOrder) // method with argumebts

{

System.***out***.println("Customer Details : " + "\n" + customerAddress + "\n" + "" + customerMobile);

}

}

AccessModifiers.java:

**package** hcl;

**import** customer.\*;//importing package

**public** **class** AccessModifirs **extends** Personal // inheriting the personal class

{

**public** **static** **void** main(String[] args) { // main method

// **TODO** Auto-generated method stub

Personal obj = **new** Personal(); // instance creation

obj.PersonalDetails(748688978, "vjw", 9); // calling method

}

}

Output:

