**Single inheritance**

Write a Java program to implement Single Inheritance.

**[Note: Strictly adhere to the object oriented specifications given as a part of the problem statement. Use the same class names and member variable names.**

**Follow the naming conventions mentioned for getters/setters]**

Consider a class named **Person** with the following private data members.

| **Data Type** | **Data Member** |
| --- | --- |
| String | name |
| String | dateOfBirth |
| String | gender |
| String | mobileNumber |
| String | bloodGroup |

Include appropriate getters and setters.

Consider a class named **Donor** which extends **Person** class with the following private data members.

| **Data Type** | **Data Member** |
| --- | --- |
| String | bloodBankName |
| String | donorType |
| String | donationDate |

Include appropriate getters and setters.

The class **Donor** should have the following method

| **Method** | **Description** |
| --- | --- |
| public void displayDonationDetails( ) | This method displays the donation details.  Display the statement ‘Donation Details :’ inside this method |

Consider another class **Main** and write the main method to test the above class.

In the main( ) method, read the person and donor details from the user and call the displayDonationDetails( ) method.

**[Note:** The date format should be **“dd-MM-yyyy”]**

**Input and Output Format:**

Refer sample input and output for formatting specifications.

**All text in bold corresponds to input and the rest corresponds to output.**

**Sample Input and Output 1:**

Enter the name :

**Justin**

Enter Date of Birth :

**11-01-1995**

Enter Gender :

**Male**

Enter Mobile Number :

**9994910354**

Enter Blood Group :

**B+ve**

Enter Blood Bank Name :

**Blood Assurance**

Enter Donor Type :

**Whole Blood**

Enter Donation Date :

**09-07-2017**

Donation Details :

Name : Justin

Date Of Birth : 11-01-1995

Gender : Male

Mobile Number : 9994910354

Blood Group : B+ve

Blood Bank Name : Blood Assurance

Donor Type : Whole Blood

Donation Date : 09-07-2017

**Sample Input and Output 2:**

Enter the name :

**Steffie**

Enter Date of Birth :

**12-01-1996**

Enter Gender :

**Female**

Enter Mobile Number :

**8868875432**

Enter Blood Group :

**O+ve**

Enter Blood Bank Name :

**Edward Blood Bank**

Enter Donor Type :

**Whole Blood**

Enter Donation Date :

**21-12-2016**

Donation Details :

Name : Steffie

Date Of Birth : 12-01-1996

Gender : Female

Mobile Number : 8868875432

Blood Group : O+ve

Blood Bank Name : Edward Blood Bank

Donor Type : Whole Blood

Donation Date : 21-12-2016