

ASSIGNMENT JAVA CASE STUDY

NAME: VAIBHAV INGLE

PERSON.JAVA

```
package assign;

public class person {
    private String name;
    private String dateOfBirth;
    private String gender;
    private String mobileNumber;
    private String bloodGroup;
    public String getName() {
        return name;
    }
    public void setName(String name) {
        this.name = name;
    }
    public String getDateOfBirth() {
        return dateOfBirth;
    }
    public void setDateOfBirth(String dateOfBirth) {
        this.dateOfBirth = dateOfBirth;
    }
    public String getGender() {
        return gender;
    }
    public void setGender(String gender) {
        this.gender = gender;
    }
    public String getMobileNumber() {
        return mobileNumber;
    }
    public void setMobileNumber(String mobileNumber) {
        this.mobileNumber = mobileNumber;
    }
    public String getBloodGroup() {
        return bloodGroup;
    }
    public void setBloodGroup(String bloodGroup) {
        this.bloodGroup = bloodGroup;
    }
}
```

Donor.java

```
package assign;

public class Donor extends person {
```

```

    private String bloodBankName;
    private String donorType;
    private String donationDate;
    public String getBloodBankName() {
        return bloodBankName;
    }
    public void setBloodBankName(String bloodBankName) {
        this.bloodBankName = bloodBankName;
    }
    public String getDonorType() {
        return donorType;
    }
    public void setDonorType(String donorType) {
        this.donorType = donorType;
    }
    public String getDonationDate() {
        return donationDate;
    }
    public void setDonationDate(String donationDate) {
        this.donationDate = donationDate;
    }
    public void displayDonationDetails(String name,String dob,String gen,String
num,String blood_group,String blood_bank_name,String Donor_Type,String
Donation_Date
    ) {
        Donor d = new Donor();
        d.setName(name);
        d.setDateOfBirth(dob);
        d.setGender(gen);
        d.setMobileNumber(num);
        d.setBloodGroup(blood_group);
        d.setBloodBankName(blood_bank_name);
        d.setDonorType(Donor_Type);
        d.setDonationDate(Donation_Date);
        System.out.println("Donation Details :");
        System.out.println("Name : "+ d.getName());
        System.out.println("Date Of Birth : "+ d.getDateOfBirth());
        System.out.println("Gender : "+ d.getGender());
        System.out.println("Mobile Number : "+ d.getMobileNumber());
        System.out.println("Blood Group : "+ d.getBloodGroup());
        System.out.println("Blood Bank Name : "+ d.getBloodBankName());
        System.out.println("Donor Type : "+ d.getDonorType());
        System.out.println("Donation Date : "+ d.getDonationDate());
    }
}

```

Casestudy.java

```

package assign;
import java.util.Scanner;
public class casestudy {

```

```

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter the name :");
        String name = sc.nextLine();
        System.out.println("Enter Date of Birth :");
        String dob = sc.nextLine();
        System.out.println("Enter Gender :");
        String gen = sc.nextLine();
        System.out.println("Enter Mobile Number :");
        String num = sc.nextLine();
        System.out.println("Enter Blood Group :");
        String blood_group = sc.nextLine();
        System.out.println("Enter Blood Bank Name :");
        String blood_bank_name = sc.nextLine();
        System.out.println("Enter Donor Type :");
        String Donor_Type = sc.nextLine();
        System.out.println("Enter Donation Date");
        String Donation_Date = sc.nextLine();
        Donor d = new Donor();

        d.displayDonationDetails(name,dob,gen,num,blood_group,blood_bank_name,Donor_Type,Donation_Date);
    }
}

```

OUTPUT :

```

Enter the name :
vaibhav ingale
Enter Date of Birth :
27-01-2000
Enter Gender :
male
Enter Mobile Number :
9370685977
Enter Blood Group :
a+ve
Enter Blood Bank Name :
pune blood bank
Enter Donor Type :
whole blood
Enter Donation Date
21-12-2018
Donation Details :
Name : vaibhav ingale
Date Of Birth : 27-01-2000
Gender : male
Mobile Number : 9370685977
Blood Group : a+ve
Blood Bank Name : pune blood bank
Donor Type : whole blood
Donation Date : 21-12-2018

```

