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JAVA_CASE_STUDY_1

PERSON.JAVA

package practise;

```
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 practise;
import java.util.*;

```

```

import java.security.Permission;

```

```

public class Donor extends Person {
    String bloodBankName;
    String donorType;
    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 static void displayDonationdetails(String name, String dateOfBirth, String gender,
String mobile_number, String bloodgroup, String blood_bank, String DonorType,String
Donation_Date ) {
        System.out.println("Donation Details:");
    }
}

```

```

        System.out.println(name);
        System.out.println(dateOfBirth);
        System.out.println(gender);
        System.out.println(mobile_number);
        System.out.println(bloodgroup);
        System.out.println(blood_bank);
        System.out.println(DonorType);
        System.out.println(Donation_Date);
    }

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        Person name = new Person();
        Person dateOfBirth = new Person();
        Person gender = new Person();
        Person mobile_number = new Person();
        Person bloodgroup = new Person();
        Donor blood_bank = new Donor();
        Donor DonorType = new Donor();
        Donor Donation_Date = new Donor();

        System.out.println("Enter the name:");
        name.setName(sc.next());
        System.out.println("Enter the date of birth:");
        dateOfBirth.setDateOfBirth(sc.next());
        System.out.println("Enter your gender:");
        gender.setGender(sc.next());
        System.out.println("Enter mobile number:");
        mobile_number.setMobileNumber(sc.next());
        System.out.println("Enter your blood group:");
        bloodgroup.setBloodGroup(sc.next());
        System.out.println("Enter your blood bank name:");
        blood_bank.setBloodBankName(sc.next());
        System.out.println("Enter your Donor Type:");
        DonorType.setDonorType(sc.next());
        System.out.println("Enter the donation date:");
        Donation_Date.setDonationDate(sc.next());

        String name1 = name.getName();
        String DOB = dateOfBirth.getDateOfBirth();
        String gender1 = gender.getGender();
        String mob = mobile_number.getMobileNumber();
        String bg = bloodgroup.getBloodGroup();
        String bb = blood_bank.getBloodBankName();
    }
}

```

```
String DT = DonorType.getDonorType();  
String DD = Donation_Date.getDonationDate();
```

```
displayDonationdetails(name1, DOB, gender1, mob, bg, bb, DT, DD);
```

```
}
```

```
}
```