Lab task 2.

20-42902-1

public class Contact {​​​​​​​

//Attributes

private String personName;

private String personId;

private int age;

private String mobileNumber;

private char gender; // M or F

//Empty Constructor

public Contact() {​​​​​​​

}​​​​​​​

//Parameterized Constructor

public Contact(String personName, String personId, int age, String mobileNumber, char gender) {​​​​​​​

super();

this.personName = personName;

this.personId = personId;

this.age = age;

this.mobileNumber = mobileNumber;

this.gender = gender;

}​​​​​​​

//Getter & Setter

public String getPersonName() {​​​​​​​

return personName;

}​​​​​​​

public void setPersonName(String personName) {​​​​​​​

this.personName = personName;

}​​​​​​​

public String getPersonId() {​​​​​​​

return personId;

}​​​​​​​

public void setPersonId(String personId) {​​​​​​​

this.personId = personId;

}​​​​​​​

public int getAge() {​​​​​​​

return age;

}​​​​​​​

public void setAge(int age) {​​​​​​​

this.age = age;

}​​​​​​​

public String getMobileNumber() {​​​​​​​

return mobileNumber;

}​​​​​​​

public void setMobileNumber(String mobileNumber) {​​​​​​​

this.mobileNumber = mobileNumber;

}​​​​​​​

public char getGender() {​​​​​​​

return gender;

}​​​​​​​

public void setGender(char gender) {​​​​​​​

this.gender = gender;

}​​​​​​​

//Show Info

public void showPersonInfo() {​​​​​​​

System.out.println("Name : "+personName);

System.out.println("Id : "+personId);

System.out.println("Gender : "+gender);

System.out.println("Mobile : "+mobileNumber);

}​​​​​​​

public void detectMobileOperator() {​​​​​​​

if(mobileNumber.charAt(2) == '7' || mobileNumber.charAt(2) == '3') {​​​​​​​

System.out.println("GP Operator");

}​​​​​​​

else if(mobileNumber.charAt(2) == '9' || mobileNumber.charAt(2) == '4') {​​​​​​​

System.out.println("Banglalink Operator");

}​​​​​​​

else if(mobileNumber.charAt(2) == '8') {​​​​​​​

System.out.println("Robi Operator");

}​​​​​​​

else {​​​​​​​

System.out.println("Other Operator");

}​​​​​​​

}​​​​​​​

}​​​​​​​

​

public class MainActivity\_Contact {​​​​​​​

public static void main(String[] args) {​​​​​​​

Contact c1 = new Contact ("Zim", "109\*\*\*", 20, "017\*\*\*\*\*\*\*4", 'M');

Contact c2 = new Contact ("Muhi", "004\*\*\*", 19, "018\*\*\*\*\*\*\*6", 'M');

Contact c3 = new Contact ("Maria", "902\*\*\*", 24, "014\*\*\*\*\*\*\*8", 'F');

Contact c4 = new Contact ("Zerin", "701\*\*\*", 23, "015\*\*\*\*\*\*\*7", 'F');

c1.showPersonInfo();

c1.detectMobileOperator();

System.out.println();

c2.showPersonInfo();

c2.detectMobileOperator();

System.out.println();

c3.showPersonInfo();

c3.detectMobileOperator();

System.out.println();

c4.showPersonInfo();

c4.detectMobileOperator();

System.out.println();

}​​​​​​​

}​​​​​​​