//encapsulation

public class Student{

private String name;

public String getName(){

return name;

}

//setter method for name

public void setName(String name){

this.name=name

}

}

class Test{

public static void main(String[] args){

Student s=new Student();

s.setName("vijay");

System.out.println(s.getName());

}

}

class Account {

private long acc\_no;

private String name,email;

private float amount;

public long getAcc\_no() {

    return acc\_no;

}

public void setAcc\_no(long acc\_no) {

    this.acc\_no = acc\_no;

}

public String getName() {

    return name;

}

public void setName(String name) {

    this.name = name;

}

public String getEmail() {

    return email;

}

public void setEmail(String email) {

    this.email = email;

}

public float getAmount() {

    return amount;

}

public void setAmount(float amount) {

    this.amount = amount;

}

}

public class TestEncapsulation {

public static void main(String[] args) {

    Account acc=new Account();

    //setting values through setter methods

    acc.setAcc\_no(7560504000L);

    acc.setName("jeyavarshaa");

    acc.setEmail("jeyavarshaamohan@gmail.com");

    acc.setAmount(500000f);

    System.out.println(acc.getAcc\_no()+" "+acc.getName()+" "+acc.getEmail()+" "+acc.getAmount());

}

}

class Area {

int length;

int breadth;

Area(int length, int breadth) {

this.length = length;

this.breadth = breadth;

}

public void getArea() {

int area = length \* breadth;

System.out.println("Area: " + area);

}

}

class Main {

public static void main(String[] args) {

Area rectangle = new Area(2, 16);

rectangle.getArea();

}

}

class Encapsulate {

private String Name;

private int Roll;

private int Age;

public int getAge() {

return Age;

}

public String getName() {

return Name;

}

public int getRoll() {

return Roll;

}

public void setAge(int newAge) {

Age = newAge;

}

public void setName(String newName)

{

Name = newName;

}

public void setRoll(int newRoll) {

Roll = newRoll;

}

}

public class TestEncapsulation {

public static void main(String[] args)

{

Encapsulate obj = new Encapsulate();

obj.setName("Mithul");

obj.setAge(19);

obj.setRoll(11);

System.out.println("Geek's name: " + obj.getName());

System.out.println("Geek's age: " + obj.getAge());

System.out.println("Geek's roll: " + obj.getRoll());

}

}

class Account {

private long acc\_no;

private String name,email;

private float amount;

public long getAcc\_no() {

return acc\_no;

}

public void setAcc\_no(long acc\_no) {

this.acc\_no = acc\_no;

}

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public String getEmail() {

return email;

}

public void setEmail(String email) {

this.email = email;

}

public float getAmount() {

return amount;

}

public void setAmount(float amount) {

this.amount = amount;

}

}

public class GFG {

public static void main(String[] args) {

Account acc=new Account();

acc.setAcc\_no(7310805450L);

acc.setName("Mohan");

acc.setEmail("mohan@gmail.com");

acc.setAmount(100000f);

System.out.println(acc.getAcc\_no()+" "+acc.getName()+" "+acc.getEmail()+" "+acc.getAmount());

}

}