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| A picture containing drawing, stop, room  Description automatically generated | Core Java  Practical #3 | | |
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| **Subject/Course:** | Core Java | | |
| **Topic** | Classes and methods | | |
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| **Classes and methods** | | | |
| 1. Write a program to represent a bank account with the information given below:      * Minimum balance amount should be 500 * Deposited amount should be added to the available amount | | | |
| package bankaccount;  import java.util.\*;    public class BankAccount {    public String depositor\_name;  public int acc\_no;  public String acc\_type;  public double bal\_amt=0;    public void user\_details(){  Scanner sc=new Scanner(System.in);  System.out.println("Enter the Name,Acc\_No,Acc\_type : ");  depositor\_name=sc.nextLine();  acc\_no=sc.nextInt();  sc.nextLine();  acc\_type=sc.nextLine();  }    public double deposit(){  Scanner b=new Scanner(System.in);  System.out.println("Enter the Amount to Deposit : ");  double d=b.nextDouble();  bal\_amt+=d;  return bal\_amt;  }    public double withdraw(){  Scanner a =new Scanner(System.in);  System.out.println("Enter the Amount to WithDraw : ");  double withDraw=a.nextDouble();  if(bal\_amt>=500)  {  bal\_amt-=withDraw;  }  else  {  System.out.println("WithDrawal is not Possible");  }  return bal\_amt;    }        public void display(){  System.out.println("Depositor Name : " + depositor\_name);  System.out.println("Account No : " + acc\_no);  System.out.println("Account Type : " + acc\_type);  System.out.println("Balance Amount : " + bal\_amt);  }    public static void main(String[] args) {  BankAccount b=new BankAccount();  b.user\_details();  while(true)  {  System.out.println("Enter your choice : \n 1. Balance \n2.Deposit \n3.WIthDraw \n4.Exit");  Scanner s2=new Scanner(System.in);  int c=s2.nextInt();  switch(c){  case 1:  b.display();  break;    case 2:  b.deposit();  b.display();  break;    case 3:  b.withdraw();  b.display();  break;    case 4:  System.exit(0);  break;    default:  System.out.println("Invalid Input ");  break;  }  }  }    } | | | |
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| **Classes and methods** | | | |
| 1. Design a class on the basis of the following information:     Monthly bill should be calculated according to the slabs mentioned below. It should also display the total amount to be paid. | | | |
| import java.util.Scanner;  public class Main {   public long cno;  public String cname;  public String cadd;  public long no\_of\_units;   public void customer\_details(){  Scanner sc= new Scanner(System.*in*);  System.*out*.println("Enter the details for cno, cname, cadd, no\_of\_units respectively");  cno = sc.nextLong();  cname = sc.nextLine();  sc.nextLine();  cadd = sc.nextLine();  no\_of\_units = sc.nextLong();  }   public void display(){  System.*out*.println("Customer no. "+ cno );  System.*out*.println("Customer name. "+ cname );  System.*out*.println("Customer address. "+ cadd );  System.*out*.println("No of units "+ no\_of\_units );   }   public void electric\_bill(){  long cal;   if (no\_of\_units<=100){  System.*out*.println("Amount to be paid Rs.500/-");  }  else if(no\_of\_units >=101 && no\_of\_units <=200){  cal = 1 \* no\_of\_units + 500;  System.*out*.println("Amount to be paid Rs."+ cal+"/-");  }  else if(no\_of\_units >=201 && no\_of\_units <=300){  cal = (long) 1.20\* no\_of\_units +500;  System.*out*.println("Amount to be paid Rs."+ cal+"/-");  }   else{  cal = (long) 1.50 \*no\_of\_units +500;  System.*out*.println("Amount to be paid Rs."+ cal+"/-");  }    }  public static void main(String[] args) {  Main b = new Main() ;  b.customer\_details();  b.display();  b.electric\_bill();  } } | | | |