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**Q1:** import java.lang.\*;  
  
import java.io.\*;  
  
import java.util.\*;  
  
  
  
class ReverseString1 {  
  
 public static void main(String[] args)  
  
 {  
  
 String input = "Yogesh";  
  
  
 byte[] strAsByteArray = input.getBytes();  
  
  
 byte[] result = new byte[strAsByteArray.length];  
  
  
  
  
 for (int i = 0; i < strAsByteArray.length; i++)  
  
 result[i] = strAsByteArray[strAsByteArray.length - i - 1];  
  
  
 System.*out*.println(new String(result));  
  
 }  
}

**OUTPUT:**

Graphical user interface, text, application

Description automatically generated

**Q2.** import java.io.\*;  
import java.lang.\*;  
class LessBalanceException extends Exception  
{  
 LessBalanceException(double amt)  
 {  
 System.*out*.println("Withdrawing "+amt+" is invlaid");  
 }  
}  
class Account  
{  
 static int *count*=0;  
 int accno;  
 double bal;  
 String name;  
 Account(double bal,String n,int accno)  
 {  
 System.*out*.println("\nNew Account opened....!!");  
 this.bal=bal;  
 *count*++;  
 System.*out*.println("Account Holder Name : " + n);  
 name=n;  
 System.*out*.println("Your Account Number is : "+accno);  
 this.accno=accno;  
 System.*out*.println("Total number of accounts : "+*count*);  
  
 }  
 void deposit(double amt)  
 {  
 System.*out*.println("Availabe Balance : "+bal);  
 bal=bal+amt;  
 System.*out*.println("Rs. : "+amt+" /- Created");  
 System.*out*.println("Balance : "+bal);  
 }  
 void withdraw(double amt) throws LessBalanceException  
 {  
 System.*out*.println("\nAvailabe Balance : "+bal);  
 bal-=amt;  
 if(bal<500)  
 {  
 bal+=amt;  
 throw new LessBalanceException(amt);  
 }  
 System.*out*.println("Rs. : "+amt+ "/-Debited");  
 System.*out*.println("Balacne : "+bal);  
 }  
 void balance()  
 {  
 System.*out*.println("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Customer information\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  
 System.*out*.println("============================================");  
 System.*out*.println("Customer Name : "+name);  
 System.*out*.println("Account Number : "+accno);  
 System.*out*.println("Balance : "+bal);  
 }  
}  
class AccountDemo  
{  
 static int *i*=0;  
 public static void main(String argv[]) throws IOException  
 {  
 Account ob[]=new Account[10];  
 BufferedReader br=new BufferedReader(new InputStreamReader(System.*in*));  
 double amt;  
 String name;  
 int ch,accno,k;  
 boolean t=false;  
 while(true)  
 {  
 System.*out*.println("\n\*\*\*\*\*\*\* Bank Transaction \*\*\*\*\*\*\*\*\*");  
 System.*out*.println("1.Create new Account\n2.Deposit");  
 System.*out*.println("3.Withdraw\n4.Balance\n5.Exit");  
 System.*out*.print("Enter your choice : ");  
 ch=Integer.*parseInt*(br.readLine());  
 switch(ch)  
 {  
 case 1:  
 System.*out*.println("Opening New Account : ");  
 System.*out*.print("Enter your name : ");  
 name=br.readLine();  
 System.*out*.print("\nEnter Account Number : ");  
 accno=Integer.*parseInt*(br.readLine());  
 System.*out*.print("\nEnter initial amount(to be >=500) : ");  
 amt=Double.*parseDouble*(br.readLine());  
 if(amt<500)  
 System.*out*.println("You cannot create an account with less than Rs.500/-");  
 else  
 {  
 ob[*i*]=new Account(amt,name,accno);  
 *i*++;  
 }  
 break;  
  
 case 2:  
 System.*out*.print("\nEnter Account number : ");  
 accno=Integer.*parseInt*(br.readLine());  
 for(k=0;k<*i*;k++)  
 if(accno==ob[k].accno)  
 {  
 t=true;  
 break;  
 }  
  
 if(t)  
 {  
 System.*out*.print("\nEnter the Amount for Deposit : ");  
 amt=Double.*parseDouble*(br.readLine());  
 ob[k].deposit(amt);  
 }  
 else  
 System.*out*.println("Invalid Account Number...!!!");  
 t=false;  
 break;  
  
 case 3:  
 System.*out*.print("\nEnter Account number : ");  
 accno=Integer.*parseInt*(br.readLine());  
 for(k=0;k<*i*;k++)  
 if(accno==ob[k].accno)  
 {  
 t=true;  
 break;  
 }  
  
 if(t)  
 {  
 System.*out*.print("\nEnter the Amount for Withdraw : ");  
 amt=Double.*parseDouble*(br.readLine());  
 try  
 {  
 ob[k].withdraw(amt);  
 }  
 catch(LessBalanceException e)  
 {}  
 }  
 else  
 System.*out*.println("Invalid Account Number...!!!");  
 t=false;  
 break;  
  
 case 4:  
 System.*out*.print("\nEnter Account number : ");  
 accno=Integer.*parseInt*(br.readLine());  
 for(k=0;k<*i*;k++)  
 if(accno==ob[k].accno)  
 {  
 t=true;  
 break;  
 }  
  
 if(t)  
 {  
 *//System.out.println(accno +" asdfsdf " +ob[k].accno);* ob[k].balance();  
 }  
 else  
 System.*out*.println("Invalid Account Number...!!!");  
 t=false;  
 break;  
  
 case 5:  
 System.*exit*(1);  
 default: System.*out*.println("Invalid Choice !!!");  
 }  
 }  
 }  
}

**OUTPUT:**

**Graphical user interface, text, application, email

Description automatically generatedGraphical user interface, application, Word

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