import java.io.\*;

import java.lang.\*;

class KharchaPaani

{

static double maxL,AmaxL;//STATIC VARIABLES

static double minL;

static double iR;

static int age;

static String name;

static String proff[] = {"Driver ", "Domestic Help" , "Security" , "Liftman" , "Others"};

static int p;

static String p1;

static String pr;

static int gen;

static int noy;

static long num;

static double msal;

static double mexp;

static double eemi;

static double eosl;

static double eost;

static double x;

static String ename; static long eno;

static String no1,no2;

static String n1,n2;

static String q;

static int tenure;

static double userAmt;

static int userTen;

static double Emi;

static double dbr;

static String promocd;

static int c;

public static void main() throws IOException

{

InputStreamReader r = new InputStreamReader(System.in);

BufferedReader in = new BufferedReader(r);

KharchaPaani obj = new KharchaPaani();

System.out.println("\f");

System.out.println(" KKK KK HHH HHH AAAA RRRRRRRRRRRR CCCCCCCC HHH HHH AAAA //^\\ PPPPPPPPPPPPP AAAA AAAA NNNNNNN NNN IIIIIIIIIII ");

System.out.println(" KKK KK HHH HHH AA AA RRR RRR CCC HHH HHH AA AA // \\ PPP PPP AA AA AA AA NNN NN NNN III ");

System.out.println(" KKK KKK HHH HHH AA AA RRR RRR CCC HHH HHH AA AA // \_\_\_\_\_\_\_ \\ PPP PPP AA AA AA AA NNN NN NNN III ");

System.out.println(" KKKKK HHHHHHHHHHHHHHH AA AA RRR RRR CCC HHHHHHHHHHHHHHH AA AA // // \\ PPP PPP AA AA AA AA NNN NN NNN III ");

System.out.println(" KKKKK HHHHHHHHHHHHHHH AAAAAAAAAAAAAAA RRRRRRRRR CCC HHHHHHHHHHHHHHH AAAAAAAAAAAAAAA || \_\_\_//\_\_\_\_\_ || PPPPPPPPPPPPPP AAAAAAAAAAAAAAA AAAAAAAAAAAAAAA NNN NN NNN III ");

System.out.println(" KKK KKK HHH HHH AA AA RRR RRR CCC HHH HHH AA AA || \\ || PPP AA AA AA AAA NNN NN NNN III ");

System.out.println(" KKK KKK HHH HHH AAA AAA RRR RRR CCC HHH HHH AAA AAA \\ \\ // PPP AAA AAA AAA AAA NNN NN NNN III ");

System.out.println(" KKK KKKK HHH HHH AAA AAA RRR RRR CCC HHH HHH AAA AAA \\ \\ // PPP AAA AAA AAA AAA NNN NN NNN III ");

System.out.println(" KKK KK HHH HHH AAA AAA RRR RRR CCCCCCCC HHH HHH AAA AAA \\\_\_\_\_\_\_\_\_// PPP AAA AAA AAA AAA NNN NNNNNN IIIIIIIIIII ");

System.out.println();

System.out.println(" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* WELCOME TO KHARCHA PAANI \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println(" Small ticket loans for the unbanked ");

System.out.println(" Fueling your AMBITION ; Funding your FUTURE ");

do

{

System.out.println("Please enter your choice");

System.out.println("1. New Loan ");

System.out.println("2.Top-up Loan ");

c = Integer.parseInt(in.readLine());

switch(c)

{

case 1:

obj.NewLoan();

break;

case 2:

obj.TopUpLoan();

break;

default:

System.out.println("Wrong Choice");

break;

}

}while(c>=3);

}

public static void NewLoan() throws IOException

{

KharchaPaani obj = new KharchaPaani();

System.out.println("You have chosen New Loan");

obj.Accept();

try

{

Thread.sleep(1000);

}

catch(Exception e){}

obj.Calc();

obj.Ask();

obj.Display();

try

{

Thread.sleep(20000);

}

catch(Exception e){}

obj.FeedBack();

}

public static void Accept() throws IOException

{

InputStreamReader r = new InputStreamReader(System.in);

BufferedReader in = new BufferedReader(r);

System.out.println("\f NNNNN NNN EEEEEEEEE WWW WWW LLL OOOOO AA NNNNN NNN ");

System.out.println(" NNN NN NNN EEE WWW WWW LLL OOO OOO AA AA NNN NN NNN ");

System.out.println(" NNN NN NNN EEEEEE WWW WWW LLL OOO OOO AA AA NNN NN NNN ");

System.out.println(" NNN NN NNN EEEEEE WWW WW WWW LLL OOO OOO AAAAAAAAA NNN NN NNN ");

System.out.println(" NNN NN NNN EEE WWW WWWW WWW LLL OOO OOO AAA AAA NNN NN NNN ");

System.out.println(" NNN NNNNN EEEEEEEEE WWWW WWWW LLLLLLLL OOOOO AAA AAA NNN NNNNN ");

System.out.println(" Please fill out these details to the fullest of your knowledge ");

System.out.println(" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*ENROLLMENT FORM \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println(" Type your full name ");

name = in.readLine();

do

{System.out.println(" Type your age ");

age = Integer.parseInt(in.readLine());

if(age<0)

System.out.println("Please recheck your age");

}while(age<0);

if(age<21||age>60){

System.out.println("Dear " + name +" , you are not eligible for Kharcha Paani. Thanks for your time.");

System.exit(10000);}

System.out.println(" Choose your profession from the following-- ");

do{

System.out.println(" 1. Driver \n 2. Domestic Help \n 3. Security \n 4.Liftman \n 5.Others ");

p = Integer.parseInt(in.readLine());

if(p==1||p==2||p==3||p==4||p==5)

pr = proff[p-1];

else

System.out.println("Please enter the correct choice");

}

while(p>=6);

if(p==5)

{

System.out.println("Please specify-");

p1 = in.readLine();

}

do{

System.out.println(" Type your gender - 1.Female ");

System.out.println(" 2.Male ");

gen = Integer.parseInt(in.readLine());

if(gen>=3)

System.out.println("Please recheck your choice");

}while(gen>=3);

do

{System.out.println(" Enter the number of years of service");

noy =Integer.parseInt(in.readLine());

if(noy<0||noy>age)

System.out.println("Please recheck your input");

}while(noy<0||noy>age);

long n,no,p;

do{

System.out.println(" Enter your 10-digit mobile number ");

num = Long.parseLong(in.readLine());

no = num;

long q=0,dig = 0;n = 0;

p = 0;

while(num>0)

{

q = num/10;

dig =num%10;

num = q;

n++;

}

p = no/1000000000;

if(n==10&&(p==7||p==8||p==9))

break;

else

System.out.println("Print a valid number(beginning with 7,8,9)");

}while(!(n==10 && (p==7||p==8||p==9)));

String s1;

do

{

System.out.println(" Please enter your Monthly Salary in rupees ");

msal = Double.parseDouble(in.readLine());

System.out.println("Confirm ? 'Yes' or 'No'");

s1 = in.readLine();

}while(s1.equalsIgnoreCase("No"));

if (msal>25000||msal<5000){

System.out.println(" Dear "+ name+ " , you are not eligible for KharchaPaani as you do not fall in the Income category");

System.out.println(" ThankYou for your time and patience");

System.exit(10000);

}

//msal-mexp = x1;

String s2;

do{

System.out.println(" Please enter your Monthly Expenses in rupees");

mexp = Double.parseDouble(in.readLine());

System.out.println("Confirm ?'Yes' or 'No'");

s2 = in.readLine();

}while(s2.equalsIgnoreCase("No"));

if(mexp>msal){

System.out.println("Dear" +name + " ,We are Sorry!! We would not be able to extend credit to you");

System.exit(10000);

}

System.out.println(" Please enter your Existing EMI amount in rupees");

eemi = Double.parseDouble(in.readLine());

x = msal - (mexp+eemi);

do

{System.out.println(" Are you an existing customer? - 'Yes' or 'No' ");

q = in.readLine();

if(q.equalsIgnoreCase("Yes")||q.equalsIgnoreCase("No"));

else

System.out.println("Please re-enter the choice");

}while(!(q.equalsIgnoreCase("Yes")||q.equalsIgnoreCase("No")));

System.out.println(" Enter your Employer`s name and number ");

ename = in.readLine();

long n2,no2,p2;

do{

eno = Long.parseLong(in.readLine());

no2 = eno;

long q=0,dig = 0;n2 = 0;

p2 = 0;

while(eno>0)

{

q = eno/10;

dig =eno%10;

eno = q;

n2++;

}

p2 = no2/1000000000;

if(n2==10&&(p2==7||p2==8||p2==9))

break;

else

System.out.println("Print a valid number(beginning with 7,8,9)");

}while(!(n2==10 && (p2==7||p2==8||p2==9)));

System.out.println("Please enter the PROMO CODE ");

promocd = in.readLine();

System.out.println("Thanks for your time and patience, "+ name);

}

public static void Calc() throws IOException

{

minL = x;

switch(p)

{

case 1 ://Driver

if(noy<=2){

maxL = 2\*x;

tenure = 1;

}

else if(noy>2 && noy<=5){

maxL = 5\*x;

tenure = 3;

}

else if(noy>5 && noy<=10){

maxL = 7\*x;

tenure = 5;

}

else if(noy>10)

{

maxL = 15\*x;

tenure = 7;

}

break;

case 2 ://Domestic Help

if(noy<=2){

maxL = 3\*x;

tenure = 1;

}

else if(noy>2 && noy<=5){

maxL = 5\*x;

tenure = 3;

}

else if(noy>5 && noy<=10){

maxL = 7\*x;

tenure = 5;

}

else if(noy>10)

{

maxL = 17\*x;

tenure = 7;

}

break;

case 3://Security

if(noy<=2){

maxL = 3\*x;

tenure = 1;

}

else if(noy>2 && noy<=5){

maxL = 5\*x;

tenure = 3;

}

else if(noy>5 && noy<=10){

maxL = 7\*x;

tenure = 5;

}

else if(noy>10)

{

maxL = 15\*x;

tenure = 7;

}

break;

case 4://Liftman

if(noy<=2){

maxL = 2\*x;

tenure = 1;

}

else if(noy>2 && noy<=5){

maxL = 5\*x;

tenure = 3;

}

else if(noy>5 && noy<=10){

maxL = 7\*x;

tenure = 5;

}

else if(noy>10)

{

maxL = 15\*x;

tenure = 7;

}

break;

case 5://Others

if(noy<=2){

maxL = 2\*x;

tenure = 1;

}

else if(noy>2 && noy<=5){

maxL = 5\*x;

tenure = 3;

}

else if(noy>5 && noy<=10){

maxL = 7\*x;

tenure = 5;

}

else if(noy>10)

{

maxL = 12\*x;

tenure = 7;

}

break;

}

if(q.equalsIgnoreCase("Yes"))

{

if (gen == 1)

iR = 16;

else if (gen == 2)

iR = 18;

}

else if(q.equalsIgnoreCase("No"))

{

if (gen == 1)

iR = 18;

else if (gen == 2)

iR = 20;

}

}

public static void Ask() throws IOException

{

InputStreamReader r = new InputStreamReader(System.in);

BufferedReader in = new BufferedReader(r);

for(int i = 1 ; i<=100 ; i++)

{

/\* System.out.println(" \*\*\*\*\*\* \*\*\*\*\*\* ");

System.out.println(" \*\*\* \*\*\* \*\*\* \*\*\* ");

System.out.println(" \*\*\* \*\*\* \*\*\* \*\*\* ");

System.out.println(" \*\*\* \*\*\* \*\*\* \*\*\* ");

System.out.println(" \*\*\* \*\*\* \*\*\* \*\*\* ");

System.out.println(" \*\*\* \*\*\* \*\*\* \*\*\* ");

System.out.println(" \*\*\* \*\*\* \*\*\* \*\*\* ");

System.out.println(" \*\*\*\*\* \*\*\*\*\*\* "); \*/

for(int j = 0 ; j <999; j++)

{

System.out.println("\f\t Please wait while your eligibility is checked Loading.... "+ i + "%");

}

}

System.out.println("\f");

do

{

Emi = 0; dbr = 0;

do

{

System.out.println(" Your Loan Range is from Rs." + minL + "to Rs."+ maxL );

System.out.println("Please enter your desired Loan amount within the prescribed range");

userAmt = Double.parseDouble(in.readLine());

if(userAmt > maxL || userAmt < minL)

System.out.println("Please recheck your amount");

else

break;

} while(userAmt>maxL || userAmt <minL);

do

{

System.out.println();

System.out.println("Your maximum tenure is "+ tenure + " years");

System.out.println("Please enter your desired tenure ");

userTen = Integer.parseInt(in.readLine());

if(userTen>tenure)

System.out.println("Please recheck your tenure ");

else

break;

}while(userTen>tenure);

Emi = ( userAmt\*(iR /(12\*100))\* Math.pow((1+(iR/(12\*100))),userTen))/ Math.pow ((1+(iR/(12\*100))),(userTen-1));

Emi = Math.ceil(Emi);

System.out.println("EMI- "+Emi);

/\* EMI = [P x R x (1+R)^N]/[(1+R)^N-1], where P stands for the loan amount or principal, R is the interest rate per month [if the interest rate per annum is 11%, then the rate of interest will be 11/(12 x 100)], and N is the number of monthly instalments.\*/

dbr = (Emi/x) \*100;

System.out.println("DBR- "+dbr);

if(dbr>50)

System.out.println("Please increase your tenure and/or decrease your loan amount");

else

break;

}while(dbr>50);

}

public static void Display() throws IOException

{

InputStreamReader r = new InputStreamReader(System.in);

BufferedReader in = new BufferedReader(r);

if(c==1){

System.out.println("\f\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println();

System.out.println("Client Details ");

System.out.println("Name - "+ name);

System.out.println("Proffesion - " +pr);

if(p==5)

System.out.println("--"+p1);

System.out.println("Your desired Loan amount is Rs. "+ userAmt);

System.out.println("Your desired Tenure is " + userTen + " years");

System.out.println("Your prescribed interest rate is " + iR + " % p.a.");

if(promocd.equals("DEFER"))

{

System.out.println("CONGRATULATIONS!!");

System.out.println("As part of our promotional offer,you will get a benefit of 1 month in paying back the loan");

System.out.println("For further details, contact us on our TOLL-FREE - 1800 200 1008 ");

}

System.out.println();

System.out.println("Your EMI is Rs. " + Emi);

System.out.println();

System.out.println();

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println(" TERMS AND CONDITIONS ");

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println("As part of our procedure, we will be contacting your employer " + ename +" to confirm your information");

System.out.println("Please visit any of our KharchaPaani outlets with your Photo and Address ID proof(Example: Ration card, Driver`s license)");

System.out.println("-------------LIST OF KHARCHA PAANI OUTLETS------------");

System.out.println(" 1. Dattaji Salvi Road Branch (Andheri) \n\t • Address : Crystal Paradise Mall, Off Veera Desai Road, Near Janki Center, Dattaji Salvi Road, Andheri (West), Pincode : 400053 ");

System.out.println(" 2. Sion Trombay Road Branch (Chembur) \n\t • Address : Kaksons Building, Sion Trombay Road, Opposite R K Studio, Chembur, Pincode : 400071 ");

System.out.println(" 3. Rustomjee Colony Branch (Malad) \n\t • Address : Adarsh Towers, Opposite Adarsh Galaxy, Near St. Carmel School, Rustomjee Colony, Off Marve Road, Malad (West), Pincode : 400064 ");

System.out.println(" 4. Phalke Road Branch (Dadar) \n\t • Address : Framroz Court, Next To Saraswat Bank, Near Kailash Lassi, Phalke Road, Dadar (East), Pincode : 400014");

System.out.println("For any queries, please call us on our TOLL-FREE number - 1800 200 1008 ");

}

if(c==2)

{ System.out.println("\f\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println();

System.out.println("Client Details ");

System.out.println("Name - "+ name);

System.out.println("Profession - " +pr);

if(p==5)

System.out.println("--"+p1);

System.out.println("Your desired Loan amount is Rs. "+ userAmt);

System.out.println("Your desired Tenure is " + userTen + " years");

System.out.println("Your prescribed interest rate is " + iR + " % p.a.");

System.out.println();

System.out.println("Your EMI is Rs. " + Emi);

System.out.println();

System.out.println();

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println(" TERMS AND CONDITIONS ");

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println("As part of our procedure, we will be contacting your employer " + ename +" to confirm your information");

System.out.println("Please visit any of our KharchaPaani outlets with your Photo and Address ID proof(Example: Ration card, Driver`s license)");

System.out.println("-------------LIST OF KHARCHA PAANI OUTLETS------------");

System.out.println(" 1. Dattaji Salvi Road Branch (Andheri) \n\t • Address : Crystal Paradise Mall, Off Veera Desai Road, Near Janki Center, Dattaji Salvi Road, Andheri (West), Pincode : 400053 ");

System.out.println(" 2. Sion Trombay Road Branch (Chembur) \n\t • Address : Kaksons Building, Sion Trombay Road, Opposite R K Studio, Chembur, Pincode : 400071 ");

System.out.println(" 3. Rustomjee Colony Branch (Malad) \n\t • Address : Adarsh Towers, Opposite Adarsh Galaxy, Near St. Carmel School, Rustomjee Colony, Off Marve Road, Malad (West), Pincode : 400064 ");

System.out.println(" 4. Phalke Road Branch (Dadar) \n\t • Address : Framroz Court, Next To Saraswat Bank, Near Kailash Lassi, Phalke Road, Dadar (East), Pincode : 400014");

System.out.println("For any queries, please call us on our TOLL-FREE number - 1800 200 1008 ");

System.out.println();

System.out.println("TTTTTTTTT HHH HHH AA NNNNN NNN KKK KK //^\\ YY YY OOOOOOOO UUU UUU ");

System.out.println(" TTT HHH HHH A A NNN NN NNN KKK KKK //\_\_\_\_\_ \\ YY YY OO OO UUU UUU ");

System.out.println(" TTT HHH HHH AA AA NNN NN NNN KKKKK // // \\ YY YY OO OO UUU UUU ");

System.out.println(" TTT HHHHHHHHHHH AAAAAAAA NNN NN NNN KKKKK // \_\_//\_\_\_\_ \\ YY YY OO OO UUU UUU ");

System.out.println(" TTT HHH HHH AAA AAA NNN NN NNN KKK KKR || \\ || YYY OO OO UUU UUU ");

System.out.println(" TTT HHH HHH AAA AAA NNN NN NNN KKK KKK \\ \\ // YYY OO OO UUU UUU ");

System.out.println(" TTT HHH HHH AAA AAA NNN NNNNN KKK KK \\\_\_\_\_\_\_\_\_// YYY OOOOOOOO UUUUUU ");

System.out.println();

}

}

public static void FeedBack()throws IOException

{

InputStreamReader r = new InputStreamReader(System.in);

BufferedReader in = new BufferedReader(r);

if (q.equalsIgnoreCase("No"))

{

System.out.println("\f Dear " + name + ", since it is your first time on KHARCHA PAANI, we would like to ask you how the experience was...");

System.out.println("Please take this time to answer a few questions regarding our service");

System.out.println();

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println("How did you hear about us: \n A.Advertisements \n B.Friends \n C.Others");

char f2 = (char)in.read();

System.out.println(" REFER A FRIEND - \n 1.Name \n 2.Mobile Number");

n1 = in.readLine();

no1 = in.readLine();

System.out.println("Thank you " + name +" for your valuable feedback. Your time is appreciated");

System.out.println("TTTTTTTTT HHH HHH AA NNNNN NNN KKK KK //^\\ YY YY OOOOOOOO UUU UUU ");

System.out.println(" TTT HHH HHH A A NNN NN NNN KKK KKK //\_\_\_\_\_ \\ YY YY OO OO UUU UUU ");

System.out.println(" TTT HHH HHH AA AA NNN NN NNN KKKKK // // \\ YY YY OO OO UUU UUU ");

System.out.println(" TTT HHHHHHHHHHH AAAAAAAA NNN NN NNN KKKKK // \_\_//\_\_\_\_ \\ YY YY OO OO UUU UUU ");

System.out.println(" TTT HHH HHH AAA AAA NNN NN NNN KKK KKR || \\ || YYY OO OO UUU UUU ");

System.out.println(" TTT HHH HHH AAA AAA NNN NN NNN KKK KKK \\ \\ // YYY OO OO UUU UUU ");

System.out.println(" TTT HHH HHH AAA AAA NNN NNNNN KKK KK \\\_\_\_\_\_\_\_\_// YYY OOOOOOOO UUUUUU ");

System.out.println();

}

else if (q.equalsIgnoreCase("Yes"))

{

System.out.println("\f Dear " + name+ " , it has been a pleasure to serve you again");

System.out.println("TTTTTTTTT HHH HHH AA NNNNN NNN KKK KK //^\\ YY YY OOOOOOOO UUU UUU ");

System.out.println(" TTT HHH HHH A A NNN NN NNN KKK KKK //\_\_\_\_\_ \\ YY YY OO OO UUU UUU ");

System.out.println(" TTT HHH HHH AA AA NNN NN NNN KKKKK // // \\ YY YY OO OO UUU UUU ");

System.out.println(" TTT HHHHHHHHHHH AAAAAAAA NNN NN NNN KKKKK // \_\_//\_\_\_\_ \\ YY YY OO OO UUU UUU ");

System.out.println(" TTT HHH HHH AAA AAA NNN NN NNN KKK KKR || \\ || YYY OO OO UUU UUU ");

System.out.println(" TTT HHH HHH AAA AAA NNN NN NNN KKK KKK \\ \\ // YYY OO OO UUU UUU ");

System.out.println(" TTT HHH HHH AAA AAA NNN NNNNN KKK KK \\\_\_\_\_\_\_\_\_// YYY OOOOOOOO UUUUUU ");

System.out.println();

}

}

public static void TopUpLoan()throws IOException

{

InputStreamReader r = new InputStreamReader(System.in);

BufferedReader in = new BufferedReader(r);

KharchaPaani obj = new KharchaPaani();

System.out.println("\f TTTTTTTT OOOOOO PPPPPPPPP UUU UUU PPPPPPPP LLL OOOOOO AAA NNNNN NNN ");

System.out.println(" TTT OOO OOO PPP PPPP UUU UUU PPP PPPP LLL OOO OOO A A NNN NNN NNN ");

System.out.println(" TTT OOO OOO PPP PPP UUU UUU PPP PPP LLL OOO OOO AA AA NNN NNN NNN ");

System.out.println(" TTT OOO OOO PPPPPPPP --- UUU UUU PPPPPPPP LLL OOO OOO AAAAAAAAA NNN NNN NNN ");

System.out.println(" TTT OOO OOO PPP UUU UUU PPP LLL OOO OOO AAA AAA NNN NNN NNN ");

System.out.println(" TTT OOO OOO PPP UUU UUU PPP LLL OOO OOO AAA AAA NNN NNN NNN ");

System.out.println(" TTT OOOOOO PPP UUUUUUU PPP LLLLLLLL OOOOOO AAA AAA NNN NNNNN ");

System.out.println();

System.out.println(" You have chosen Top-Up Loan");

String a1= " ";

do

{

System.out.println("Are you an exsisting customer of KHARCHA PAANI? - 'yes' or 'no'");

String ans = in.readLine();

if (ans.equalsIgnoreCase("yes"))

obj.Accept1();

else if (ans.equalsIgnoreCase("No"))

{

System.out.println("You are not eligible for a Top-Up Loan at KHARCHA PAANI");

System.out.println("Do you want to take a New Loan? - 'yes' or 'no'");

String a = in.readLine();

if(a.equalsIgnoreCase("yes"))

obj.NewLoan();

else if(a.equalsIgnoreCase("no"))

System.exit(1000);

}

else

{

System.out.println("Do you want to answer the question again? - 'yes' or 'no'");

a1 = in.readLine();

}

}while (a1.equalsIgnoreCase("yes"));

}

public static void Accept1() throws IOException

{

InputStreamReader r = new InputStreamReader(System.in);

BufferedReader in = new BufferedReader(r);

KharchaPaani obj = new KharchaPaani();

System.out.println("\f Please fill out these details to the fullest of your knowledge ");

System.out.println(" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*ENROLLMENT FORM \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println(" Type your full name ");

name = in.readLine();

do{

System.out.println(" Type your age ");

age = Integer.parseInt(in.readLine());

if(age<0)

System.out.println("Please recheck your age");

}while(age<0);

if(age<21||age>60){

System.out.println("Dear " + name +" , you are not eligible for Kharcha Paani. Thanks for your time.");

System.exit(10000);}

System.out.println(" Choose your profession from the following-- ");

do{

System.out.println(" 1. Driver \n 2. Domestic Help \n 3. Security \n 4.Liftman \n 5.Others ");

p = Integer.parseInt(in.readLine());

if(p==1||p==2||p==3||p==4||p==5)

pr = proff[p-1];

else

System.out.println("Please enter the correct choice");

}

while(p>=6);

if(p==5)

{

System.out.println("Please specify-");

String p1 = in.readLine();

}

do

{

System.out.println(" Type your gender - 1.Female ");

System.out.println(" 2.Male ");

gen = Integer.parseInt(in.readLine());

if(gen>=3)

System.out.println("Recheck your choice");

}while(gen>=3);

do

{

System.out.println(" Enter the number of years of service");

noy =Integer.parseInt(in.readLine());

if(noy<0||noy>age)

System.out.println("Please recheck your input");

}while(noy<0||noy>age);

long n1,no1,p1;

do

{

System.out.println(" Enter your 10-digit mobile number ");

num = Long.parseLong(in.readLine());

no1 = num;

long q=0,dig = 0;n1 = 0;

p1 = 0;

while(num>0)

{

q = num/10;

dig =num%10;

num = q;

n1++;

}

p1 = no1/1000000000;

if(n1==10&&(p1==7||p1==8||p1==9))

break;

else

System.out.println("Print a valid number(beginning with 7,8,9)");

}while(!(n1==10 && (p1==7||p1==8||p1==9)));

String s1;

do

{

System.out.println(" Please enter your Monthly Salary in rupees ");

msal = Double.parseDouble(in.readLine());

System.out.println("Confirm ? 'Yes' or 'No' ");

s1 = in.readLine();

}while(s1.equalsIgnoreCase("No"));

if (msal>25000||msal<5000){

System.out.println(" Dear Sir/Madam , you are not eligible for KharchaPaani as you do not fall in the Income category");

System.out.println(" ThankYou for your time and patience");

System.exit(10000);

}

String s2;

do{

System.out.println(" Please enter your Monthly Expenses in rupees");

mexp = Double.parseDouble(in.readLine());

System.out.println("Confirm 'Yes' or 'No' ");

s2 = in.readLine();

}while(s2.equalsIgnoreCase("No"));

if(mexp>msal){

System.out.println("Dear" +name + " ,We are Sorry!! We would not be able to extend credit to you");

System.exit(10000);

}

System.out.println(" Please enter your Existing EMI amount in rupees");

eemi = Double.parseDouble(in.readLine());

System.out.println("Enter Exisiting Loan outstanding amount in rupees");

eosl = Double.parseDouble(in.readLine());

System.out.println("Enter Existing Loan outstanding tenure");

eost = Double.parseDouble(in.readLine());

x = msal - (mexp+eemi);

System.out.println(" Enter your Employer`s name and number ");

ename = in.readLine();

long n,no,p;

do

{

eno = Long.parseLong(in.readLine());

no = eno;

long q=0,dig = 0;n = 0;

p = 0;

while(eno>0)

{

q = eno/10;

dig =eno%10;

eno = q;

n++;

}

p = no/1000000000;

if(n==10&&(p==7||p==8||p==9))

break;

else

System.out.println("Print a valid number(beginning with 7,8,9)");

}while(!(n==10 && (p==7||p==8||p==9)));

System.out.println(name + ",Thank you for your time and Patience");

obj.Calc1();

obj.Ask1();

}

public static void Calc1()

{

minL = x;

switch(p)

{

case 1 ://Driver

if(noy<=2){

maxL = 2\*x;

tenure = 1;

}

else if(noy>2 && noy<=5){

maxL = 7\*x;

tenure = 3;

}

else if(noy>5 && noy<=10){

maxL = 12\*x;

tenure = 5;

}

else if(noy>10)

{

maxL = 20\*x;

tenure = 7;

}

break;

case 2 ://Domestic Help

if(noy<=2){

maxL = 3\*x;

tenure = 1;

}

else if(noy>2 && noy<=5){

maxL = 8\*x;

tenure = 3;

}

else if(noy>5 && noy<=10){

maxL = 15\*x;

tenure = 5;

}

else if(noy>10)

{

maxL = 20\*x;

tenure = 7;

}

break;

case 3://Security

if(noy<=2){

maxL = 3\*x;

tenure = 1;

}

else if(noy>2 && noy<=5){

maxL = 8\*x;

tenure = 3;

}

else if(noy>5 && noy<=10){

maxL = 15\*x;

tenure = 5;

}

else if(noy>10)

{

maxL = 20\*x;

tenure = 7;

}

break;

case 4://Liftman

if(noy<=2){

maxL = 2\*x;

tenure = 1;

}

else if(noy>2 && noy<=5){

maxL = 7\*x;

tenure = 3;

}

else if(noy>5 && noy<=10){

maxL = 12\*x;

tenure = 5;

}

else if(noy>10)

{

maxL = 20\*x;

tenure = 7;

}

break;

case 5://Others

if(noy<=2){

maxL = 2\*x;

tenure = 1;

}

else if(noy>2 && noy<=5){

maxL = 5\*x;

tenure = 3;

}

else if(noy>5 && noy<=10){

maxL = 10\*x;

tenure = 5;

}

else if(noy>10)

{

maxL = 15\*x;

tenure = 7;

}

break;

}

AmaxL = maxL - eosl;

if(gen==1)

iR = 15.5;

else if (gen==2)

iR = 17.5;

}

public static void Ask1() throws IOException

{

InputStreamReader r = new InputStreamReader(System.in);

BufferedReader in = new BufferedReader(r);

KharchaPaani obj = new KharchaPaani();

for(int i = 1 ; i<=100 ; i++)

{

/\* System.out.println(" \*\*\*\*\*\* \*\*\*\*\*\* ");

System.out.println(" \*\*\* \*\*\* \*\*\* \*\*\* ");

System.out.println(" \*\*\* \*\*\* \*\*\* \*\*\* ");

System.out.println(" \*\*\* \*\*\* \*\*\* \*\*\* ");

System.out.println(" \*\*\* \*\*\* \*\*\* \*\*\* ");

System.out.println(" \*\*\* \*\*\* \*\*\* \*\*\* ");

System.out.println(" \*\*\* \*\*\* \*\*\* \*\*\* ");

System.out.println(" \*\*\*\*\* \*\*\*\*\*\* "); \*/

for(int j = 0 ; j <999; j++)

{

System.out.println("\f\t Please wait while your eligibility is checked Loading.... "+ i + "%");

}

}

System.out.println("\f");

do{

do

{

System.out.println(" Your maxL amount is " + AmaxL + " rupees");

System.out.println("Please enter your desired Loan amount");

userAmt = Double.parseDouble(in.readLine());

if(userAmt > AmaxL)

System.out.println("Please recheck your amount");

} while(userAmt>AmaxL);

do

{

System.out.println();

System.out.println("Your maximum tenure is "+ tenure + " years");

System.out.println("Please enter your desired tenure ");

userTen = Integer.parseInt(in.readLine());

if(userTen>tenure)

System.out.println("Please recheck your tenure ");

} while(userTen>tenure);

Emi = ( userAmt\*(iR /(12\*100))\* Math.pow((1+(iR/(12\*100))),userTen))/ Math.pow ((1+(iR/(12\*100))),(userTen-1));

Emi = Math.ceil(Emi);

/\* EMI = [P x R x (1+R)^N]/[(1+R)^N-1], where P stands for the loan amount or principal, R is the interest rate per month [if the interest rate per annum is 11%, then the rate of interest will be 11/(12 x 100)], and N is the number of monthly instalments.\*/

dbr = (Emi/x) \*100;

if(dbr>50)

System.out.println("Please increase your tenure or decrease your loan amount");

}while(dbr>50);

obj.Display();

}

}