**Java assignment**

**Q1.**

🡪 import java.util.Scanner;

class Demo {

public static void main(String args[]) {

//System.out.println();

Scanner sc = new Scanner(System.in);

boolean f1= false;

boolean f2=false;

boolean f3=false;

//boolean f=false;

boolean f=false;

int k1, counter=0;

String k2="";

/\*do{

System.out.println("ONLINE QUIZ");

//System.out.println("1. ENGLISH 2. MATHS 3. G.K.");

}\*/

while(f = false);

{ System.out.println("1. ENGLISH 2. MATHS 3. G.K.");

int a = sc.nextInt();

switch(a)

{

case 1:

if(f1 == true)

{

System.out.println("It is already done choose another one ");

break;

}

else

{

f1=true;

System.out.println("How many vowels are there");

k1=sc.nextInt();

if(k1==5){counter++;};

System.out.println("How many alphabets are there");

k1=sc.nextInt();

if(k1==26){counter++;};

System.out.println("i am working \_\_\_\_\_\_ morning.(for/since)");

k2=sc.next();

if(k2.equals("since")== true);

{counter=counter+1;};

//break;

}

//break;

//continue;

case 2:

if(f2 == true)

{

System.out.println("It is already done choose another one ");

break;

}

else

{

f2=true;

System.out.println("what is 2\*5");

k1=sc.nextInt();

if(k1==10){counter++;};

System.out.println("what is 100%6");

k1=sc.nextInt();

if(k1==16){counter++;};

System.out.println("Is 4545 divisible by 5.(y or n)");

k2=sc.next();

if(k2.equals("y")==true){counter= counter+1;};

//break;

}

//break;

//continue;

case 3:

if(f3==true)

{

System.out.println("It is already done choose another one ");

break;

}

else

{

f1=true;

System.out.println("How many states in india");

k1=sc.nextInt();

if(k1==28){counter++;};

System.out.println("how many ut in india");

k1=sc.nextInt();

if(k1==9){counter++;};

System.out.println("hat is the capital of india");

k2=sc.next();

k2.toLowerCase();

if(k2.equals("delhi")== true){counter++;};

//break;

}

break;

default:

System.out.println("Choose b/w 1 or 2 or 3");

}

if(f1 == true){

if (f2 == true)

{ if(f3 == true)

{

f = true;

}

}}

System.out.println("Your score is " + counter + " out of 9");

if(((counter\*100/9))> 70 && ((counter\*100/9)) <90)

{

System.out.println("your score is " + ((counter\*100/9) + 10));

}

else if(((counter/9)\*100)>90)

{

System.out.println("Passed");

}

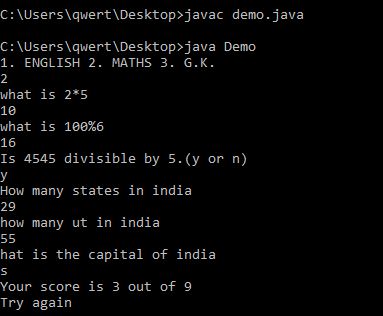
else{

System.out.println("Try again");

}

}

}}



Q2

import java.util.Scanner;

class Demo {

public static void main(String args[]) {

//System.out.println();

Scanner sc = new Scanner(System.in);

byte a;

System.out.println("Enter number of records to enter");

a=sc.nextByte();

int id[] = new int[a];

String name[]= new String[a];

int salary[]= new int[a];

String desg[]= new String[a];

double Salary[] = new double[a];

System.out.println("Enter the id,name,salary,desg");

for(int i=0;i<a;i++)

{System.out.println("Enter the record no" + (i+1));

id[i]=sc.nextInt();

name[i]=sc.next();

salary[i]=sc.nextInt();

desg[i]=sc.next();

}

for(int i=0;i<a;i++)

{ desg[i].toLowerCase();

if(desg[i].equals("manager"))

{

Salary[i]= salary[i] + 0.15\*salary[i] + 0.10\*salary[i] + 0.07\*salary[i] - 0.05\*salary[i];

}

else if(desg[i].equals("developer"))

{

Salary[i]= salary[i] + 0.10\*salary[i] + 0.10\*salary[i] + 0.07\*salary[i] - 0.05\*salary[i];

}

else

{

Salary[i] = salary[i] + 0.10\*salary[i] + 0.07\*salary[i];

}

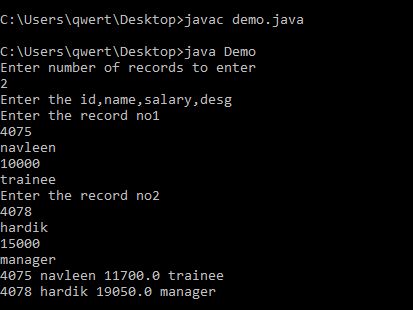
}

for(int i=0;i<a;i++)

{

System.out.println(id[i] + " " + name[i] + " " + Salary[i] + " " + desg[i]);

}}}



3.ASSIGNMENT-3

import java.util.Scanner;

public class Employee {

Scanner sc=new Scanner(System.in);

int n;

Employee(int s)

{

n=s;

}

int []id=new int[10];

String []name=new String[n];

float []salary=new float[n];

String[]desg=new String[n];

voi read() {

for(int i=0;i<n;i++) {

System.out.println("enter id for employee"+(i+1));

id[i]=sc.nextInt();

sc.nextLine();

System.out.println("enter name for employee"+(i+1));

name[i]=sc.nextLine();

System.out.println("enter salary for employee"+(i+1));

salary[i]=sc.nextFloat();

sc.nextLine();

System.out.println("enter id for employee"+(i+1));

id[i]=sc.nextInt();

sc.nextLine();

System.out.println("enter desg for employee"+(i+1));

desg[i]=sc.nextLine();

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

}

}

void calsalary() {

for(int l=0;l<n;l++) {

float hra,da,pf;

hra=salary[l]\*0.1f;

da=salary[l]\*0.07f;

pf=salary[l]\*0.05f;

salary[l]=salary[l]+hra+da-pf;

}

}

void bonus() {

for(int l=0;l<n;l++) {

salary[k]=salarycpy[k];

float hra,da,pf;

hra=salary[l]\*0.1f;

da=salary[l]\*0.07f;

pf=salary[l]\*0.05f;

if(desg[l].equals("developer")) {

salary[l]=(salary[l]+hra+da-pf)+(salary[l]\*0.1f);

}

else if (desg[l].equals("manager")) {

salary[l]=(salary[l]+hra+da-pf)+(salary[l]\*0.15f);

}

}

}

void display() {

for(int l=0;l<n;l++) {

System.out.println("details of employee: " +(l+1));

System.out.println("id="+id[l]);

System.out.println("name="+name[l]);

System.out.println("salary="+salary[l]);

System.out.println("desg="+desg[l]);

}

}

}

class EmployeeDetails{

public static void main(String []args) {

Scanner sc=new Scanner(System.in)

System.out.println("Enter no of records you want to enter");

int y=sc.nextInt();

Employee emp=new Employee(y);

emp.read();

emp.calsalary();

emp.bonus();

emp.display();

}

}

}

}

OUTPUT:

enter details you want to store:

2

enter id for employee1

201

enter name for employee1

harish

enter salary for employee1

12000

enter id for employee1

201

enter desg for employee1

Developer

enter id for employee2

202

enter name for employee2

ramesh

enter salary for employee2

20000

enter id for employee2

202

enter desg for employee2

manager