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//Q.1 print welcome?

**package** assignment;

**public** **class** Q1 {

**public** **static** **void** main(String[] args) {

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

}

}

Output

welcome

//Q.1 print the sum of given 3 float numbers?

**package** assignment;

**import** java.util.\*;

**public** **class** Q2 {

**public** **static** **void** main(String[] args) {

**float** num1,num2,num3,result;

Scanner s = **new** Scanner(System.***in***);

System.***out***.println("Enter any 3 float numbers ");

num1 = s.nextFloat();

num2 = s.nextFloat();

num3 = s.nextFloat();

result=num1+num2+num3;

System.***out***.println("The result after addition is "+result);

}

}

Output

Enter any 3 float numbers

10.20

40.30

80.66

//Q.3 swap two no?

**package** assignment;

**public** **class** Q3 {

**public** **static** **void** main(String[] args) {

**int** x = 100, y = 200;

System.***out***.println("Before Swap");

System.***out***.println("x = " + x);

System.***out***.println("y = " + y);

**int** temp = x;

x = y;

y = temp;

System.***out***.println("After swap");

System.***out***.println("x = " + x);

System.***out***.println("y = " + y);

}

}

Output

Before Swap

x = 100

y = 200

After swap

x = 200

y = 100

//Q.4 check if no is even or odd?

**package** assignment;

**import** java.util.Scanner;

**public** **class** Q4 {

**public** **static** **void** main(String[] args) {

Scanner s = **new** Scanner(System.***in***);

System.***out***.print("Enter a number: ");

**int** num = s.nextInt();

**if**(num % 2 == 0)

System.***out***.println(num + " is even");

**else**

System.***out***.println(num + " is odd");

}

}

Output

Enter a number: 20

20 is even

//Q.5 to check from 3 given no that whether a number is greater than or equal 20 and less than other numers print appropriate message?

**package** assignment;

**public** **class** Q5 {

**public** **static** **void** main(String[] args) {

**int** a=30;

**int** b=35;

**int** c=39;

**if**(a>20 && a<b && a<c)

{

System.***out***.println("condition is true ");

}

**else**

System.***out***.println("condition fails");

}

}

Output

condition is true

//Q.7to check if sales of a person is greater than 10000 then eligible for bonus else not eligible calculate 20% bonus of sales?

**package** assignment;

**import** java.util.Scanner;

**public** **class** Q7 {

**public** **static** **void** main(String[] args) {

**float** sale,bonus;

Scanner s = **new** Scanner (System.***in***);

System.***out***.println("enter the sale amount");

sale = s.nextFloat();

**if** (sale>10000) {

System.***out***.println("eligible for bonus");

bonus = sale \* (0.2F);

System.***out***.println(" bonus is "+bonus);

}

**else** {

System.***out***.println("not eligible for bonus");

}

Output

enter the sale amount

11000

eligible for bonus

bonus is 2200.0

//Q.8to check if two given interger value is in range of 18 and 100 print eligible for voting else not eligible?

**package** assignment;

**import** java.util.Scanner;

**public** **class** Q8 {

**public** **static** **void** main(String[] args) {

**int** a;

**int** b;

Scanner s=**new** Scanner(System.***in***);

System.***out***.println("enter the age = ");

a=s.nextInt();

System.***out***.println("enter the age = ");

b=s.nextInt();

**if**(a>=18 && a<=100)

System.***out***.println("a is eligible for voting ");

**else**

System.***out***.println("a is not eligible for voting ");

**if**(b>=18 && b<=100)

System.***out***.println("a is eligible for voting ");

**else**

System.***out***.println("a is not eligible for voting ");

}

}

Output

enter the age = 2

enter the age = 20

a is not eligible for voting

a is eligible for voting

//Q.9to print the average of given 5 subjects marks of student and check if average >=40 print pass else print fail?

**package** assignment;

**public** **class** Q9 {

**public** **static** **void** main(String[] args) {

**int** num1=10;

**int** num2=30;

**int** num3=60;

**int** num4=120;

**int** num5=240;

**float** average;

average = ((num1+num2+num3+num4+num5)/5);

System.***out***.println("average of 5 no is "+average);

**if**( average>=40)

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

**else**

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

}

}

Output

average of 5 no is 92.0

pass

//Q.10 to ask name , age and salary of an employee and print it on console?

**package** assignment;

**import** java.util.Scanner;

**public** **class** Q10 {

**public** **static** **void** main(String[] args) {

String name;

**int** age;

**int** salary;

Scanner s= **new** Scanner(System.***in***);

System.***out***.println("enter name");

name= s.next();

System.***out***.println("Enter age");

age =s.nextInt();

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

salary =s.nextInt();

System.***out***.println(" name is "+name);

System.***out***.println(" age is "+age);

System.***out***.println(" salary is "+salary);

}

}

Output

enter name

neha

Enter age

45

salary

20000

name is neha

age is 45

salary is 20000

//Q.11 wpa that ask two numbers from user and print greater number among two?

**ackage** assignment;

**import** java.util.\*; //in java its a predefined class

**public** **class** Q11

{

**public** **static** **void** main ( String args[ ] )

{

Scanner s=**new** Scanner(System.***in***);

System.***out***.println("Enter a number ");

**int** a=s.nextInt();

System.***out***.println("Enter a number ");

**int** b=s.nextInt();

**if**(a>b)

System.***out***.println(a);

**else**

System.***out***.println(b);

}

}

Output

Enter a number

20

Enter a number

30

30

//Q.12 wpa to ask product name and price of product from user and calculate discount i.e if price .2000 the discount is 10 percent of price else discount 7% of price?

**package** assignment;

**import** java.util.Scanner;

**public** **class** Q12 {

**public** **static** **void** main(String[] args) {

String name;

**int** price;

**float** discount;

Scanner s= **new** Scanner(System.***in***);

System.***out***.println("enter product name");

name= s.next();

System.***out***.println("Enter price");

price =s.nextInt();

**if**(price>2000) {

System.***out***.println("discount is 10 percent");

discount = price \* (0.1F);

System.***out***.println(" discount is "+discount);

}

**else** {

System.***out***.println("discount is 7 percent");

discount = price \*(0.07F);

System.***out***.println(" discount is "+discount);

}

}

}

Output

enter product name

hp

Enter price

3000

discount is 10 percent

discount is 300.0