**Assignment 1**

Q 1 Java program to print welcome message.

package Assignment1;

public class Message1 {

public static void main(String[] args) {

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

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}

}

Q 2 Java program to print sum of  three float numbers

package Assignment1;

// 2) WAP

public class Sum2 {

public static void main(String[] args) {

float a=3.23f;

float b=5.46f;

float c=7.65f;

float sum=(a+b+c);

System.***out***.println("the sum of three no. is:" + sum);

}

}

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Q 3 Java Program to Swap Two Numbers

package Assignment1;

// 3) WAP

public class Swap3 {

public static void main(String[] args) {

int a=2;

int b=5;

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

System.***out***.println("a is :"+a);

System.***out***.println("b is :"+b);

// using temp variable to store the..

// the value of one of the above variable temporarily

int temp;

temp = a;

a=b;

b=temp;

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

System.***out***.println("a is :"+a);

System.***out***.println("b is :"+b);

}

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Q 4 Wap to check if number is even or odd

package Assignment1;

// 4) WAP

public class CheckEvenOdd4 {

public static void main(String[] args) {

int a=3;

if(a%2==0) System.***out***.println("even");

else System.***out***.println("odd");

}

}

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Q 5 wap to check from three given number  that whether a number is greater than or equal to 20 and less than other numbers .print appropriate message .

package Assignment1;

// 5)

public class Check5 {

public static void main(String[] args) {

int a=25;

int b=34;

int c=71;

if(a>=20 && (a<b && a<c)) {

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

}

else {

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

}

}

}

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

package Assignment1;

// 6)

public class Sales {

public static void main(String[] args) {

double sales= 20000;

double bonus;

if(sales>10000) {

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

bonus= (20 \* sales)/100;

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

}

else {

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

}

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

package Assignment1;

public class Vote7 {

public static void main(String[] args) {

// age should be between 0 to 100 only...

int age=15;

if(age>=18 && age<=100) {

System.***out***.println("Eligible to cast a vote");

}

else {

System.***out***.println("Not eligible to cast a vote");

}

}

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Q 9 wap to print average of  given five subjects marks of student and check if average >=40 print Pass else print fail

package Assignment1;

public class Average8 {

public static void main(String[] args) {

// marks should be between 0 to 100

double maths= 89;

double science= 45;

double hindi= 67;

double english= 87;

double socialScience= 67;

double avg = ((maths+science+hindi+english+socialScience)/500 )\*100;

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

if(avg>=40) {

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

}

else {

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

}

}

}

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Q10 WAP to ask name ,age and salary of an employee and print on console.

package Assignment1;

// wap to ask employee details from user........

import java.util.\*;

public class Employee9 {

public static void main(String[] args) {

String name;

char gender;

int age;

float salary;

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

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

name=s.nextLine();

System.***out***.println("enter your gender: ");

gender=s.next().charAt(0);

System.***out***.println("enter your age: ");

age=s.nextInt();

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

salary=s.nextFloat();

System.***out***.println("name---->" +name);

System.***out***.println("gender-->" +gender);

System.***out***.println("age---->" +age);

System.***out***.println("salary--->" +salary);

s.close();

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Q 11 wap  that ask two numbers from user and print greater number among two

package Assignment1;

// 11) WAP

import java.util.\*;

public class GreaterNumber10 {

public static void main(String[] args) {

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

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

int a=sc.nextInt();

int b=sc.nextInt();

if(a>b) {

System.***out***.println("The first enter number is greater the second" );

}

else if (b>a) {

System.***out***.println("The second enter number is greater than the first" );

}

}

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Q 12  wap to ask product name and price of product from user and calculate discount i.e   
if price > 2000 then discount is 10 percent of price   
else discount is 7 % of price

package Assignment1;

// 11) WAP

import java.util.\*;

public class CalDiscount11 {

public static void main(String[] args) {

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

System.***out***.println("Enter the product name:");

String product= a.nextLine();

System.***out***.println("Enter the price of product:");

double price= a.nextDouble();

double discount;

if(price>2000) {

discount= price \* 0.1;

System.***out***.println("for product:" +product);

System.***out***.println("You will get 10% discount");

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

}

else {

discount= price \* 0.07;

System.***out***.println("for product:" +product);

System.***out***.println("You will get 7% discount");

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

}

}

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**-----------------------------------------------THE END -----------------------------------------------------**