**package** demo2;

**public** **class** helloworld {

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

// **TODO** Auto-generated method stub

System.***out***.println("Welcome to Java!");

}

}

**package** demo2;

**public** **class** helloworld {

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

// **TODO** Auto-generated method stub

System.***out***.println("Progamming is fun!");

System.***out***.println("Fundamentals First");

System.***out***.println("Problem Driven");

}

}

**package** java2;

**public** **class** java2 {

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

// **TODO** Auto-generated method stub

System.***out***.println("(10.5+2\*3)/(45-3.5) = ");

System.***out***.println((10.5+2\*3)/(45-3.5));

}

}

**package** demo2;

**public** **class** helloworld {

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

// **TODO** Auto-generated method stub

**double** radius;

**double** area;

radius=20;

area=radius\*radius\*3.14159;

System.***out***.println("The area for the circle of radius "+radius+" is "+area);

}

}

**package** demo2;

**import** java.util.Scanner;

**public** **class** helloworld {

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

// **TODO** Auto-generated method stub

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

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

**double** radius =input.nextDouble();

**double** area =radius\*radius\*3.14159;

System.***out***.println("The area for the circle of radius "+radius+" is "+area);

}

}

**package** demo2;

**import** java.util.Scanner;

**public** **class** helloworld {

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

// **TODO** Auto-generated method stub

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

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

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

**int** m=s/60;

**int** r=s%60;

System.***out***.println(s+"seconds is "+m+" minutes and "+r+" seconds");

}

}

**package** demo2;

**import** java.util.Scanner;

**public** **class** helloworld {

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

// **TODO** Auto-generated method stub

// **TODO** Auto-generated method stub

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

System.***out***.print("Enter a degree for radius: ");

**double** n=input.nextDouble();

**double** c=(5.0/9)\*(n-32);

System.***out***.println("fahrenheit "+n+" is "+c+"in celsius");

}

}

**package** demo2;

**import** java.util.Scanner;

**public** **class** helloworld {

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

// **TODO** Auto-generated method stub

//Scanner input=new Scanner(System.in);

**long** tm=System.*currentTimeMillis*();

**long** ts=tm/1000;

**long** cs=ts%60;

**long** tmd=ts/60;

**long** cnm=tmd%60;

**long** tnm=tmd/60;

**long** ch=tnm%23;

//System.out.print("Enter a degree for radius: ");

System.***out***.println("Current time is "+ch+":"+cnm+":"+cs+" GMT");

}

}

**package** demo2;

**import** java.util.Scanner;

**public** **class** helloworld {

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

// **TODO** Auto-generated method stub

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

**double** p=input.nextDouble();

**double** t=p\*0.06;

System.***out***.println("Sales tax is $"+(**int**)(t\*100)/100.0);

}

}

**package** demo2;

**import** java.util.Scanner;

**public** **class** helloworld {

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

// **TODO** Auto-generated method stub

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

System.***out***.print("Enter annual interest rate, e.g., 7.25: ");

**double** annualInterestRate=input.nextDouble();

**double** monthlyInterestRate=annualInterestRate/1200;

System.***out***.print(

"Enter number of years as an integer, e.g., 5: ");

**int** numberOfYears = input.nextInt();

System.***out***.print("Enter loan amount, e.g., 120000.95: ");

**double** loanAmount=input.nextDouble();

**double** monthlyPayment =loanAmount\*monthlyInterestRate/(1-1/Math.*pow*(1+monthlyInterestRate, numberOfYears \*12));

**double** totalPayment=monthlyPayment\*numberOfYears\*12;

System.***out***.println("The monthly payment is $"+(**int**)(monthlyPayment\*100)/100.0);

System.***out***.println("The total payment is $"+(**int**)(totalPayment\*100)/100.0);

}

}

**package** demo2;

**import** java.util.Scanner;

**public** **class** helloworld {

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

// **TODO** Auto-generated method stub

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

System.***out***.print("Enter three numbers: ");

**double** number1 =input.nextDouble();

**double** number2 =input.nextDouble();

**double** number3 =input.nextDouble();

**double** average=(number1+number2+number3)/3;

System.***out***.println("The average of "+number1+" "+number2+" "+number3+" is "+average);

}

}

**package** demo2;

**import** java.util.Scanner;

**public** **class** helloworld {

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

// **TODO** Auto-generated method stub

**final** **double** PI =3.14159;

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

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

**double** radius =input.nextDouble();

**double** area=radius\*radius\*PI;

System.***out***.println("The area for the circle of radius "+radius+" is "+area);

}

}

**package** demo2;

**import** java.util.Scanner;

**public** **class** helloworld {

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

// **TODO** Auto-generated method stub

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

System.***out***.print("Enter an amount in double, for example 11.56: ");

**double** amount = input.nextDouble();

**int** remainingAmount = (**int**)(amount \* 100);

**int** numberOfOneDollars = remainingAmount / 100;

remainingAmount = remainingAmount % 100;

**int** numberOfQuarters = remainingAmount / 25;

remainingAmount = remainingAmount % 25;

**int** numberOfDimes = remainingAmount / 10;

remainingAmount = remainingAmount % 10;

**int** numberOfNickels = remainingAmount / 5;

remainingAmount = remainingAmount % 5;

**int** numberOfPennies = remainingAmount;

System.***out***.println("Your amount " + amount + "consists of");

System.***out***.println(" " + numberOfOneDollars + "dollars");

System.***out***.println(" " + numberOfQuarters + "quarters");

System.***out***.println(" " + numberOfDimes + "dimes");

System.***out***.println(" " + numberOfNickels + "nickels");

System.***out***.println(" " + numberOfPennies + "pennies");

}

}

**package** demo2;

**public** **class** helloworld {

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

// **TODO** Auto-generated method stub

System.***out***.println("Welcome to Java");

System.***out***.println("Welcome to Computer Science");

System.***out***.println("Programming is fun");

}

}

**package** demo2;

**public** **class** helloworld {

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

// **TODO** Auto-generated method stub

**for**(**int** i=1;i<=5;i++) {

System.***out***.println("Welcome to Java");

}

}

}

**package** demo2;

**public** **class** helloworld {

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

// **TODO** Auto-generated method stub

**int** sum=1,sum2=1;

**if**(sum<10)System.***out***.println("a a^2 a^3");

**for**(**int** i=1;i<=4;i++) {

sum=i\*i;

sum2=i\*i\*i;

**if**(i<=3)

System.***out***.println(i+" "+sum+" "+sum2);

**else**

System.***out***.println(i+" "+sum+" "+sum2);

}

}

}

**package** demo2;

**public** **class** helloworld {

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

// **TODO** Auto-generated method stub

System.***out***.println((9.5\*4.5-2.5\*3)/(45.5-3.5));

}

}

**package** demo2;

**public** **class** helloworld {

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

// **TODO** Auto-generated method stub

**int** flag=1;

**double** sum=0;

**for**(**int** i=1;i<=11;i+=2) {

sum+=flag\*1.0/i;

flag=-flag;

}

System.***out***.println(4\*sum);

sum+=1.0/13.0;

System.***out***.println(4\*sum);

}

}