Q1)

public class Main {

public static void main(String[] args) {

Scanner s=new Scanner(System.in);

int diameter=s.nextInt();

System.out.println(3.14\*diameter);

}

}

Q2)

public class Main {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

double length=sc.nextDouble();

double breadth=sc.nextDouble();

System.out.println(length\*breadth);

}

}

Q3)

public class Main {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

int x=sc.nextInt();

boolean ans=x>1000;

System.out.println(ans);

}

}

Q4)

Quiz

Q5)

Find the answers for the following expression

|  |
| --- |
|  |
|  | a. Int x = 7+3+4 = 14 |
|  | b. Int x = 12 + 5 + 8 = 25 |
|  | c. Int x= 13/5 + 18/8 = 4 |
|  | d. double x= 12 + 5.0 + 2.76 = Error(lossy Conversion) |
|  | e. double x= 12/3 + 13/2 = 10.0 |
|  | f. double x=12/3 + 13.0/2 = 10.5 |
|  | g. double x=14/2 + 15.0/4 = 10.75 |
|  | h. double x= 13/2 % 5/3 = 0 |
|  | i. double x= 17.0/2 % 16.0/4 = 2.125 |

Q6)

Store these expressions inside a Boolean variable ans. Print their outputs true or false accordingly

a. boolean ans = 3 > 2 = true

b. boolean ans = 3 ≥ 3 = true

c. boolean ans = 4 + 3 > 9 = false

d. boolean ans = 10 + 8 > 10 = true

e. boolean ans = 12 != 10 = true

f. boolean ans = 13 == 13 = true

g. boolean ans = 14 != 14 = false

h. boolean ans = 20 == 5\*4 = true

i. boolean ans = 30 != 3+4-10 = true

j. boolean ans = 20 == 41/2 = true

Q7)

public class Main {

public static void main(String[] args) {

Scanner s=new Scanner(System.in);

double S1=s.nextDouble();

double S2=s.nextDouble();

double S3=s.nextDouble();

double S4=s.nextDouble();

double S5=s.nextDouble();

double total\_marks=S1+S2+S3+S4+S5;

System.out.println("Total Marks= "+total\_marks);

System.out.println("Percentage= "+(total\_marks\*100)/500);

}

}

Q8)

public class Main {

public static void main(String[] args) {

Scanner s=new Scanner(System.in);

int a=s.nextInt();

int b=s.nextInt();

int c=s.nextInt();

int d=s.nextInt();

boolean ans= a\*b\*c\*d>1000;

System.out.println(ans);

}

}

Q9)

public class Main {

public static void main(String[] args) {

Scanner s=new Scanner(System.in);

int a=s.nextInt();

boolean ans= a%7==0 ;

System.out.println(ans);

}

}

Q10)

Quiz