



Online Java Compiler

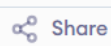
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Programiz PRO



Main.java



Run

Output

Clear

```
1 import java.util.Scanner;
2 public class Main {
3     public static void main(String[] args) {
4         Scanner scanner = new Scanner(System.in);
5         System.out.print("Enter class mark1 ");
6         int classMark1=scanner.nextInt();
7         System.out.print("Enter classmark2 ");
8         int classMark2 = scanner.nextInt();
9         System.out.print("Enter modelmarks ");
10        int modelMarks = scanner.nextInt();
11        int totalMarks = classMark1 + classMark2+modelMarks;
12        System.out.println("classmark1: " + classMark1);
13        System.out.println("classMark2: " + classMark1);
14        System.out.println("modelmarks " + modelMarks);
15        System.out.println("Total Marks: " + totalMarks);
16        if (totalMarks > 71) {
17            System.out.println("distinction");
18        } else if (totalMarks > 60&& totalMarks<70) {
19            System.out.println("first class");
20        } else if (totalMarks > 50&& totalMarks<60) {
21            System.out.println("second class");
22        } else {
23            System.out.println("Fail");
24        }
25        scanner.close();
26    }
27 }
28
```

```
Enter class mark1 20
Enter classmark2 29
Enter modelmarks 45
classmark1: 20
classMark2: 20
modelmarks 45
Total Marks: 94
distinction
```

```
=== Code Execution Successful ===
```

Main.java



Share

Run

Output

Clear

```
1 import java.util.Scanner;
2 public class Main {
3     public static void main(String[] args) {
4         Scanner scanner = new Scanner(System.in);
5         System.out.print("Enter a string: ");
6         String input = scanner.nextLine();
7         String reversed = new StringBuilder(input).reverse().toString();
8         int length = input.length();
9         String upperCase = input.toUpperCase();
10        String lowerCase = input.toLowerCase();
11        System.out.println("Original String: " + input);
12        System.out.println("Reversed String: " + reversed);
13        System.out.println("Length of String: " + length);
14        System.out.println("Upper Case: " + upperCase);
15        System.out.println("Lower Case: " + lowerCase);
16        scanner.close();
17    }
18 }
```

```
Enter a string: sahithi
Original String: sahithi
Reversed String: ihtihas
Length of String: 7
Upper Case: SAHITHI
Lower Case: sahithi
```

```
=== Code Execution Successful ===
```

```

Main.java
1 import java.util.Scanner;
2 public class Main {
3     public static void main(String[] args) {
4         Scanner scanner = new Scanner(System.in);
5         System.out.print("Enter a number to display the month: ");
6         int monthNumber = scanner.nextInt();
7         String monthName;
8         switch (monthNumber) {
9             case 1:
10                 monthName = "January";
11                 break;
12             case 2:
13                 monthName = "February";
14                 break;
15             case 3:
16                 monthName = "March";
17                 break;
18             case 4:
19                 monthName = "April";
20                 break;
21             case 5:
22                 monthName = "May";
23                 break;
24             case 6:
25                 monthName = "June";
26                 break;
27             case 7:
28                 monthName = "July";
29                 break;
30             case 8:
31                 monthName = "August";
32                 break;
33             case 9:
34                 monthName = "September";
35                 break;
36             case 10:
37                 monthName = "October";
38                 break;
39             case 11:
40                 monthName = "November";
41                 break;
42             case 12:
43                 monthName = "December";
44                 break;
45             default:
46                 monthName = "Invalid month number! Please enter a number between 1 and 12.";
47                 break;
48         }
49         System.out.println(monthName);
50         scanner.close();
51     }
52 }

```

```

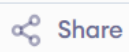
Enter a number to display the month: 7
July

=== Code Execution Successful ===

```



Main.java



Run

Output

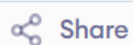
Clear

```
1 import java.util.Scanner;
2 public class Main
3 {
4     public static void main(String[] args)
5     {
6         Scanner scanner=new Scanner(System.in);
7         System.out.println("enter the value of net salary");
8         double netsalary=scanner.nextDouble();
9         double deducted=0;
10        double convienceallowance=0;
11        if(netsalary>50000)
12        {
13            deducted=netsalary*0.10;
14            convienceallowance=netsalary*0.30;
15        }
16        double finalsary=netsalary-deducted+convienceallowance;
17        System.out.println("net salary:"+netsalary);
18        System.out.println("tax deducted:"+deducted);
19        System.out.println("convience allowance:"+convienceallowance);
20        System.out.println("final salary:"+finalsary);
21    }
22 }
```

```
enter the value of net salary
50000
net salary:50000.0
tax deducted:0.0
convience allowance:0.0
final salary:50000.0
```

```
=== Code Execution Successful ===
```

Main.java



Run

Output



```
1- import java.util.Scanner;
2 public class Main
3- {
4     public static void main(String[] args)
5     {
6         Scanner scanner=new Scanner(System.in);
7         System.out.println("enter the value of num1");
8         int num1=scanner.nextInt();
9         System.out.println("enter the value of num2");
10        int num2=scanner.nextInt();
11        System.out.println("addition:"+ (num1+num2));
12        System.out.println("subtraction:"+ (num1-num2));
13        System.out.println("multiplication:"+ (num1*num2));
14        if(num2!=0)
15        {
16            System.out.println("division:"+ (num1/num2));
17            System.out.println("modulo:"+ (num1%num2));
18        }
19    }
20 }
```

```
enter the value of num1
6
enter the value of num2
4
addition:10
subtraction:2
multiplication:24
division:1
modulo:2
```

```
=== Code Execution Successful ===
```

Main.java



Share

Run

Output

```
1 import java.util.Scanner;
2 public class Main {
3     public static void main(String[] args) {
4         Scanner scanner = new Scanner(System.in);
5         System.out.println("Enter the principal amount (P): ");
6         double principal = scanner.nextDouble();
7         System.out.println("Enter the time period in years (T): ");
8         double time = scanner.nextDouble();
9         System.out.println("Enter the annual interest rate in percentage (R): ");
10        };
11        double rate = scanner.nextDouble();
12        double simpleInterest = (principal * time * rate) / 100;
13        System.out.println("Simple Interest is: " + simpleInterest);
14        System.out.println("Enter the number of times the interest is compounded
15        per year: ");
16        int n = scanner.nextInt();
17        double compoundAmount = principal * Math.pow(1 + (rate / 100) / n, n *
18        time);
19        double compoundInterest = compoundAmount - principal;
20        System.out.println("Compound Interest is: " + compoundInterest);
21        System.out.println("Total amount after " + time + " years: " +
22        compoundAmount);
23        scanner.close();
24    }
25 }
```

```
Enter the principal amount (P):
3
Enter the time period in years (T):
2
Enter the annual interest rate in percentage (R):
5
Simple Interest is: 0.3
Enter the number of times the interest is compounded per year:
7
Compound Interest is: 0.3143344605461742
Total amount after 2.0 years: 3.314334460546174
```

```
=== Code Execution Successful ===
```