

Test Summary

- No. of Sections: 1
- No. of Questions: 15
- Total Duration: 180 min

Section 1 - CODING**Section Summary**

- No. of Questions: 15
- Duration: 180 min

Additional Instructions:

None

Q1. **Problem statement:**

Write a program to display a string in following format.

eg:

Input
Hi
Welcome
Output
Hi and Welcome

Input Format

The first line of the input consists of the string S1.

The second line of the input consists of the string S2.

Output Format

The output prints the string as given in the example.

Constraints

Strings only.

Sample Input

```
U
ME
```

Sample Output

```
U and ME
```

Sample Input

```
LOVE
LIVE
```

Sample Output

```
LOVE and LIVE
```

Time Limit: - ms Memory Limit: - kb Code Size: - kb

Q2. **Problem Statement:**

Write a Java program to get the integer values and print the same integer values.

Input Format

Input consists of a integer value

Output Format

Output consists of a integer value

Sample Input

```
26
```

Sample Output

```
26
```

Time Limit: - ms Memory Limit: - kb Code Size: - kb

Q3. **Problem Statement:**

Write a java program to print the floating point value.

Input Format

Input consists of one integer

Output Format

Output consists of floating point values with precisions

Sample Input

```
5.374675
```

Sample Output

```
5.375
```

```
5.37
```

Time Limit: - ms Memory Limit: - kb Code Size: - kb

Q4. Problem Statement:

Write a Java program to print the character value.

Input Format

Input consists of a character value

Output Format

Output consists of a character value

Sample Input

Sample Output

d

d

Time Limit: - ms Memory Limit: - kb Code Size: - kb

Q5. Problem Statement:

Write a java program to convert the integer data type to float data type.

Input Format

Input consists of integer value

Output Format

output consists of float value

Sample Input

Sample Output

5

5.0

Time Limit: - ms Memory Limit: - kb Code Size: - kb

Q6. Problem Statement:

Write a Java program to find the conversion of integer value to character value

Input Format

Input consists of integer value

Output Format

output consists of character value

Sample Input

Sample Output

101

e

Time Limit: - ms Memory Limit: - kb Code Size: - kb

Q7. Problem Statement:

Write a program to find the conversion of character to integer value.

Input Format

Input consists of a character

Output Format

output consists of a integer value

Sample Input

Sample Output

s

115

Time Limit: - ms Memory Limit: - kb Code Size: - kb

Q8. Customized Welcome Message

Nikhil, the founder of "Pine Tree" company wished to design an Event Management System that would let its Customers plan and host events seamlessly via an online platform.

As a part of this requirement, Nikhil wanted to write a piece of code for his company's Examly Event Management System that will display customized welcome messages by taking Customers' name as input. Help Nikhil on the task.

Input Format

First line of the input is a string that corresponds to a Customer's name.

Output Format

Output should display the welcome message along with the Customer's name.

Sample Input

Harry Potter

Sample Output

Hello Harry Potter ! Welcome to Examly Event Management System

Sample Input

Jarvis

Sample Output

Hello Jarvis ! Welcome to Examly Event Management System

Time Limit: - ms Memory Limit: - kb Code Size: - kb

Q9. **Problem statement:**

Write a simple code by declaring three variables where two variables are of integer type and one variable in double. Add the two integer variables and store the result in the remaining variable(double).

Input Format

Input to get two values n1 and n2 separated by single space.

Output Format

Display the result in double.

Sample Input

67 801

Sample Output

868.0

Sample Input

75 700

Sample Output

775.0

Time Limit: - ms Memory Limit: - kb Code Size: - kb

Q10. **Display Different Data Types**

Write a java program to get different types of data from the user and display the values.

Question Instructions:

1. Create a driver class named **Main**
2. The solution code should be written inside the main method() of the **Main** class

Input Format

First Line consists of an integer data

Second line consists of double data

Third Line consists of boolean value which is either true or false

Fourth line consists of a single character

Fifth line consists of a String input

Output Format

Refer the sample output

Sample Input

1
2.5
true
c

Sample Output

Integer value = 1
Double value = 2.5
Boolean value = true
char value = c

Time Limit: - ms Memory Limit: - kb Code Size: - kb

Q11. **Event Details**

Be it a last-minute get-together, a birthday party or a corporate event, the "Pine Tree" Event Management Company helps you plan and execute it better and faster. Nikhil, the founder of the company wanted the Examly Event Management System to get and display the event details from his Customers for every new order of the Company.

Write a program that will get the input of the event details like name of the event, type of the event, number of people expected, a string value (Y/N) telling whether the event is going to be a paid entry and the projected expenses (in lakhs) for the event. The program should then display the input values as formatted output.

Question Instructions:

1. Create a driver class named **Main**.
2. The solution code should be written inside the main method() of the **Main** class

Input Format

First input is a string that corresponds to the name of the event.

Second input is a string that corresponds to the type of the event.

Third input is an integer that corresponds to the number of people expected for the event.

Fourth input is a character that corresponds to Y/N telling whether the event is going to be a paid entry or not.

Fifth input is a double value that corresponds to the projected expenses (in lakhs) for the event.

Output Format

Output should display the event details.

Refer sample input and output for formatting specifications

Sample Input

```
food fest 2017
public
500
v
```

Time Limit: - ms Memory Limit: - kb Code Size: - kb

Q12. Display Student's Detail

Write a program to obtain and display the newly joined student name and age detail.

Question Instructions:

1. Create a driver class named **Main**.
2. The solution code should be written inside the main method() of the **Main** class

Input Format

First input is a string that corresponds to the name of the student
Second input is an integer that corresponds to the age of student

Output Format

Output should display the details as given in the sample output.

<name> age is <age>

Sample Input

```
Ram
23
```

Time Limit: - ms Memory Limit: - kb Code Size: - kb

Q13. Play with Typecasting

Write a simple code by declaring three variables where two variables are of integer type and one variable is double. Multiply the two integer variables and store the result in the remaining variable(double).

Question Instructions:

1. Create a driver class named **Main**.
2. The solution code should be written inside the main method() of the **Main** class

Input Format

Input to get two values n1 and n2 separated by single space.

Output Format

Display the result in double.

Sample Input

```
67 801
```

Sample Output

```
53667.0
```

Sample Input

```
45 5
```

Sample Output

```
225.0
```

Time Limit: - ms Memory Limit: - kb Code Size: - kb

Q14. Number of events

"Pine Tree" Company has signed up a big time Event Management deal from the Rotary Youth Club for a Trade Fair organized at Codissia Complex, wherein all startup companies in the Software industry are demonstrating their latest products and services and meet with industry partners and Customers.

Amphi Event Management System has to be modified to write a piece of code that will get the input of the number of events to be hosted for the Fair at Codissia from its users and display the same. Help the company to accomplish the requirement.

Input Format

First line of the input is an integer that corresponds to the number of events to be hosted at Codissia.

Output Format

Output should display the number of events to be hosted at Codissia.

Sample Input

Sample Output

Time Limit: - ms Memory Limit: - kb Code Size: - kb

Q15. **Total Expenses for the Event**

The prime functionality of an Event Management System is budgeting. An Event Management System should estimate the total expenses incurred by an event and the percentage rate of each of the expenses involved in planning and executing an event. Nikhil, the founder of "Pine Tree" wanted to include this functionality in his company's Amphi Event Management System and requested your help in writing a program for the same.
The program should get the branding expenses, travel expenses, food expenses and logistics expenses as input from the user and calculate the total expenses for an event and the percentage rate of each of these expenses.

Input Format

First input is a double value that corresponds to the branding expenses.
Second input is a double value that corresponds to the travel expenses.
Third input is a double value that corresponds to the food expenses.
Fourth input is a double value that corresponds to the logistics expenses.

Output Format

First line of the output should display the double value that corresponds to the total expenses for the Event.
Next four lines should display the percentage rate of each of the expenses.
Round off the output to two decimal digits.

Sample Input

```
20000  
40000  
15000  
25000
```

Time Limit: - ms Memory Limit: - kb Code Size: - kb

Sample Output

```
Total expenses : Rs.100000.00  
Branding expenses percentage : 20.00%  
Travel expenses percentage : 40.00%  
Food expenses percentage : 15.00%
```