

Question 1:

Recommended time: 5 min

Take input of age of 3 people by user and determine oldest and youngest among them.

Question 2:**Recommended time: 5 min**

Write two separate Python programs to convert temperatures to and from celsius, fahrenheit.

[Formula : $c/5 = f-32/9$ [c = temperature in celsius and f = temperature in fahrenheit]

Example of the program 1 (C to F):

input: 60 -> result: 140

Example of the program 2 (F to C)

input: 45 -> result: 7

Question 3:

Recommended time: 7 min

Write a Python program to get a single string from two given strings, separated by a space and swap the first two characters of each string.

Sample String: 'abc', 'xyz'

Expected Result: 'xyc abz'

Question 4:

Recommended time: 5 min

Calculate the multiplication and sum of two numbers

Given two integer numbers return their product only if the product is equal to or lower than 1000, else return their sum.

Given 1:

```
number1 = 20  
number2 = 30
```

Expected Output:

```
The result is 600
```

Given 2:

```
number1 = 40  
number2 = 30
```

Expected Output:

```
The result is 70
```

Question 5:

Recommended time: 8 min

Print the sum of the current number and the previous number

Write a program to iterate the first 10 numbers and in each iteration, print the sum of the current and previous number.

Expected Output

```
Printing current and previous number sum in a range(10)
Current Number 0 Previous Number 0 Sum: 0
Current Number 1 Previous Number 0 Sum: 1
Current Number 2 Previous Number 1 Sum: 3
Current Number 3 Previous Number 2 Sum: 5
Current Number 4 Previous Number 3 Sum: 7
Current Number 5 Previous Number 4 Sum: 9
Current Number 6 Previous Number 5 Sum: 11
Current Number 7 Previous Number 6 Sum: 13
Current Number 8 Previous Number 7 Sum: 15
Current Number 9 Previous Number 8 Sum: 17
```