1. Program

1

Attempted: 1/1

Question 1

Revisit Later

How to Attempt?

pCreate PIN using three given input numbers

"Secure Assets Private Ltd", a small company that deals with lockers has recently started manufacturing digital locks which can be locked and unlocked using PINs (passwords). You have been asked to work on the module that is expected to generate PINs using three input numbers.

Assumptions: The three given input numbers will always consist of three digits each i.e. each of them will be in the range >=100 and <=999

100 <= input1 <= 999

100 <= input2 <= 999

100 <= input3 <= 999

Below are the rules for generating the PIN -

- The PIN should be made up of 4 digits
- The unit (ones) position of the PIN should be the least of the units position of the three input numbers
- The tens position of the PIN should be the least of the tens position of the three input numbers
- The hundreds position of the PIN should be the least of the hundreds position of the three input numbers
- The thousands position of the PIN should be the maximum of all the digits in the three input numbers

Example 1 -

input1 = 123

input2 = 582

input3 = 175

then, PIN = 8122

Example 2 -

input1 = 190

input2 = 267

input3 = 853

then, PIN = 9150

JAVA8 | Compiler: Java - 1.8

```java
import java.io.*;
import  java.util.*;

// Read only region start
class UserMainCode
{

    public int createPIN(int input1,int input2,int input3){
        // Read only region end
        // Write code here...
          int pin = 0;
        int ip1, ip2, ip3, min, max;

        ip1 = input1 % 10;
        ip2 = input2 % 10;
        ip3 = input3 % 10;
        min = Math.min(ip1, ip2);
        min = Math.min(min, ip3);
        max = Math.max(ip1, ip2);
        max = Math.max(max, ip3);
        pin = min;

        input1 /= 10;
        input2 /= 10;
        input3 /= 10;
        ip1 = input1 % 10;
        ip2 = input2 % 10;
        ip3 = input3 % 10;
        min = Math.min(ip1, ip2);
        min = Math.min(min, ip3);
        max = Math.max(max, ip1);
        max = Math.max(max, ip2);
        max = Math.max(max, ip3);
        pin = min * 10 + pin;

        input1 /= 10;
        input2 /= 10;
        input3 /= 10;
```

Use Custom Input

Compile and Test | Submit Code

1. Program

1

Attempted: 1/1

Question 1

Revisit Later

How to Attempt?

pCreate PIN using three given input numbers

"Secure Assets Private Ltd", a small company that deals with lockers has recently started manufacturing digital locks which can be locked and unlocked using PINs (passwords). You have been asked to work on the module that is expected to generate PINs using three input numbers.

Assumptions: The three given input numbers will always consist of three digits each i.e. each of them will be in the range >=100 and <=999

100 <= input1 <= 999

100 <= input2 <= 999

100 <= input3 <= 999

Below are the rules for generating the PIN -

- The PIN should be made up of 4 digits
- The unit (ones) position of the PIN should be the least of the units position of the three input numbers
- The tens position of the PIN should be the least of the tens position of the three input numbers
- The hundreds position of the PIN should be the least of the hundreds position of the three input numbers
- The thousands position of the PIN should be the maximum of all the digits in the three input numbers

Example 1 -

input1 = 123

input2 = 582

input3 = 175

then, PIN = 8122

Example 2 -

input1 = 190

input2 = 267

input3 = 853

then, PIN = 9150

Use Custom Input

Compile and Test

Submit Code

Code Execution | Code History

0/2 - Sample Test Cases Failed

Default 2

CODE EXECUTION DETAILS

Time: 264 ms

Memory: 103812 kb

TEST CASE INFORMATION

Input

190.267.853

Expected Output

9150

Actual Output

9150

CONSOLE OUTPUT

STANDARD ERROR/WARNING

None

Default 1

1. Program

Question 1

Revisit Later

How to Attempt?

pCreate PIN using three given input numbers

"Secure Assets Private Ltd", a small company that deals with lockers has recently started manufacturing digital locks which can be locked and unlocked using PINs (passwords). You have been asked to work on the module that is expected to generate PINs using three input numbers.

Assumptions: The three given input numbers will always consist of three digits each i.e. each of them will be in the range >=100 and <=999

100 <= input1 <= 999

100 <= input2 <= 999

100 <= input3 <= 999

Below are the rules for generating the PIN -

- The PIN should be made up of 4 digits
- The unit (ones) position of the PIN should be the least of the units position of the three input numbers
- The tens position of the PIN should be the least of the tens position of the three input numbers
- The hundreds position of the PIN should be the least of the hundreds position of the three input numbers
- The thousands position of the PIN should be the maximum of all the digits in the three input numbers

Example 1 -

input1 = 123

input2 = 582

input3 = 175

then, PIN = 8122

Example 2 -

input1 = 190

input2 = 267

input3 = 853

then, PIN = 9150

1

Attempted: 1/1

```
48          pin = max * 1000 + pin;
49
50          return pin;
51      }
52  }
```

Use Custom Input

Compile and Test | Submit Code

Code Execution | Code History

0/8 - Graded Test Cases Failed

- Corner 2
- Corner 1
- Necessary 2
- Necessary 1
- Basic 4
- Basic 3
- Basic 2
- Basic 1