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Test Name:	Progress - Software Engineer Intern - Technical Assessment
Taken On:	9 May 2023 00:15:34 EEST
Time Taken:	93 min 1 sec/ 95 min
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Invited by:	Verina
Invited on:	4 May 2023 12:29:09 EEST
Skills Score:	<div>Aptitude10/15</div> <div>Git (Basic)5/5</div> <div>Problem Solving (Advanced)5/5</div>
Tags Score:	<div>Algebra5/5</div> <div>Algorithms50/200</div> <div>Aptitude10/15</div> <div>C#15.83/20</div> <div>C++5/15</div> <div>CSS5/10</div> <div>Classes5/5</div> <div>Compilers5/5</div> <div>Complexity5/5</div> <div>Core CS5/10</div> <div>Data Structures5/5</div> <div>Easy85/200</div> <div>Git5/5</div> <div>Javascript20/20</div> <div>Logic0/5</div> <div>Medium10.83/70</div> <div>Principles5/5</div> <div>Security5/10</div> <div>Series5/5</div> <div>Unit Testing2.5/5</div> <div>coding5/5</div>

44.8%

148/331

scored in **Progress - Software Engineer Intern - Technical Assessment** in 93 min 1 sec on 9 May 2023 00:15:34 EEST

Recruiter/Team Comments:

No Comments.

	Question Description	Time Taken	Score	Status
Q1	Next Number > Multiple Choice	17 sec	5/ 5	✓
Q2	Logic Puzzles 7 > Multiple Choice	12 min 56 sec	0/ 5	✗
Q3	Logic Puzzles 12 > Multiple Choice	3 min 41 sec	5/ 5	✓
Q4	Bridges - 3 > Multiple Choice	3 min 44 sec	5/ 5	✓
Q5	Complexity Task > Multiple Choice	3 min 15 sec	5/ 5	✓
Q6	Principles > Multiple Choice	1 min 35 sec	5/ 5	✓
Q7	Code problem > Multiple Choice	31 sec	5/ 5	✓
Q8	Compilers > Multiple Choice	37 sec	5/ 5	✓
Q9	Unit Tests > Multiple Choice	32 sec	2.5/ 5	⚡
Q10	git status > Multiple Choice	1 min 43 sec	5/ 5	✓
Q11	Classes difference > Multiple Choice	1 min 28 sec	5/ 5	✓
Q12	JavaScript Task3 > Multiple Choice	24 sec	5/ 5	✓
Q13	JavaScript Task1 > Multiple Choice	1 min 47 sec	5/ 5	✓
Q14	JavaScript Task2 > Multiple Choice	22 sec	5/ 5	✓
Q15	JavaScript Task4 > Multiple Choice	8 sec	5/ 5	✓
Q16	Security SSL/TLS > Multiple Choice	53 sec	0/ 5	✗
Q17	Security HTTPS > Multiple Choice	11 sec	5/ 5	✓
Q18	CSS Task1 > Multiple Choice	1 min 14 sec	5/ 5	✓
Q19	CSS Task2 > Multiple Choice	27 sec	0/ 5	✗
Q20	C++ References > Multiple Choice	1 min 2 sec	0/ 5	✗
Q21	C++ Virtual functions > Multiple Choice	15 sec	0/ 5	✗
Q22	C++ Template > Multiple Choice	56 sec	5/ 5	✓
Q23	C# Generic > Multiple Choice	15 sec	3.33/ 5	⚡
Q24	C# Async > Multiple Choice	11 sec	2.5/ 5	⚡
Q25	C# Base class > Multiple Choice	29 sec	5/ 5	✓
Q26	C# Operator > Multiple Choice	1 min 53 sec	5/ 5	✓
Q27	Password Vallidation > Coding	19 min 18 sec	10/ 50	⚡
Q28	Biggest group > Coding	18 min 34 sec	40/ 50	⚡
Q29	Sum comparisons > Coding	41 sec	0/ 50	⊖
Q30	Summing > Coding	11 min 55 sec	0/ 50	✗



QUESTION 1



Correct Answer

Score 5

Next Number > Multiple Choice

Series

Easy

Aptitude

QUESTION DESCRIPTION

Which number should come next in this series? 25,24,22,19,15

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ☐ 4
- ☐ 5
- ☒ 10
- ☐ 14

No Comments

QUESTION 2



Wrong Answer

Score 0

Logic Puzzles 7 > Multiple Choice

Medium

Logic

Aptitude

Core CS

QUESTION DESCRIPTION

A and B together can do a piece of work in 10 days.
B and C together can do the same piece of work in 5 days.
C and D together can do it in 4 days.
A can do it in 40 days, alone.

Which is the correct statement.

INTERVIEWER GUIDELINES

Let the total units of work be 40 units.
Let the units of work done by A, B, C and D alone in one day be a, b, c and d.
This implies
 $a+b=4$
 $b+c=8$
 $c+d=10$
Since A alone can do the work in 40 days, this implies that the value of a is 1 unit per day.
 $b=3$ units per day
 $c=5$ units per day
 $d=5$ units per day
This implies that C and D have the same rate of doing work.

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ☐ A and B do the work at the same rate.
- ☐ B and D do the work at the same rate.
- ☒ C and D do the work at the same rate.
- ☐ A and D do the work at the same rate.

No Comments

QUESTION 3



Correct Answer

Score 5

Logic Puzzles 12 > Multiple Choice

Easy

Algebra

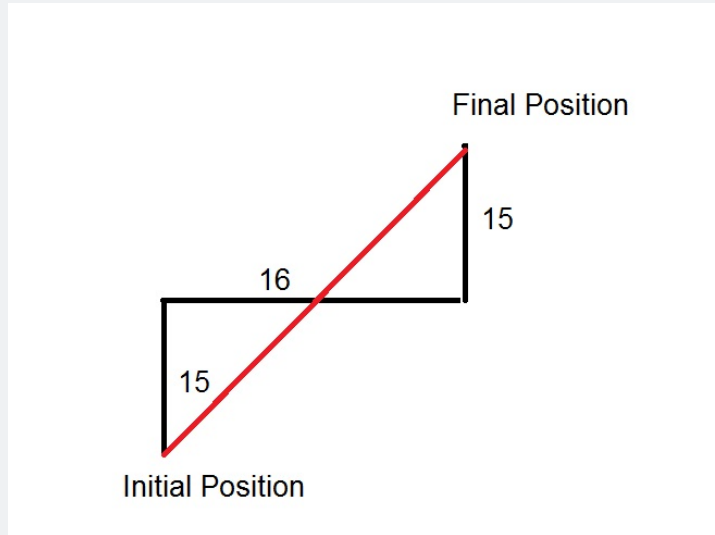
Aptitude

Core CS

QUESTION DESCRIPTION

A hiker walks 15 km towards the north then 16 km towards the east then 15 km towards the north. How far away and in which direction is the hiker with reference to the starting point?

INTERVIEWER GUIDELINES



The red line will bisect the line whose length is 16 units.

We know that 15, 8 and 17 form a Pythagorean-triplet. Hence the length of red line will be $17 + 17 = 34$ units.

From the diagram, it is clear that the direction is North-East.

Alternatively, sum the segments north. This gives us a triangle with legs 16 and 30 km, and a hypotenuse of $\sqrt{16^2 + 30^2} = \sqrt{1156} = 34$ km.

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)



34 km northeast



34 km southeast



14 km northeast



14 km southeast

No Comments

QUESTION 4



Correct Answer

Score 5

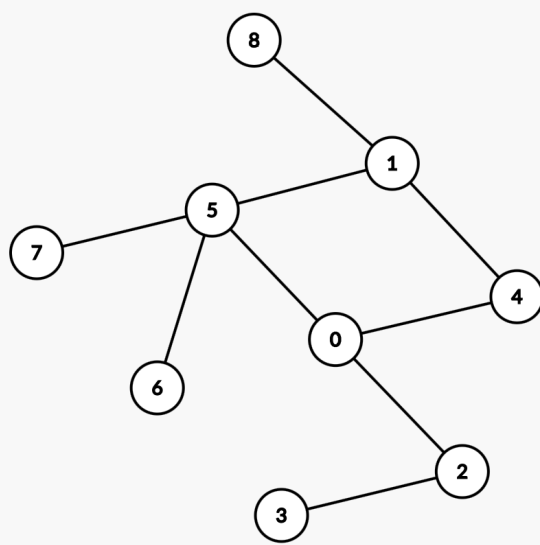
Bridges - 3 > Multiple Choice

Data Structures

Easy

QUESTION DESCRIPTION

An edge in an undirected connected graph is a bridge if removing it disconnects the graph. How many bridges are in the following graph?



INTERVIEWER GUIDELINES

An edge in an undirected connected graph is a bridge iff removing it disconnects the graph.

7-5

5-6

1-8

2-3

0-2

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ☐ 4
- ☒ 5
- ☐ 6
- ☐ 7

No Comments

QUESTION 5



Correct Answer

Score 5

Complexity Task > Multiple Choice

Complexity

QUESTION DESCRIPTION

What is the time complexity of the following function?

```
int fun(int n)
{
    int count = 0;
    for (int i = n; i > 0; i /= 2)
        for (int j = 0; j < i; j++)
            count += 1;
}
```

```
    return count;
}
```

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ☐ O(n)
- ☐ O(log n)
- ☒ O(n log n)
- ☐ O(n²)

No Comments

QUESTION 6



Correct Answer

Score 5

Principles > Multiple Choice

Principles

QUESTION DESCRIPTION

Which principle suggests "High-level modules should not depend on low-level modules. Both should depend on abstraction. Abstractions should not depend on details. Details should depend on abstractions."

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ☒ ☐ Dependency Inversion principle
- ☐ Inversion of Control principle
- ☐ Interface segregation principle
- ☐ Liskov substitution principle

No Comments

QUESTION 7



Correct Answer

Score 5

Code problem > Multiple Choice

coding

QUESTION DESCRIPTION

What will be the output of the following code?

```
for (var x = 1; x < 5; x++)
    console.log(x);
```

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ☐ 11111
- ☐ 12345
- ☒ 1234
- ☐ 55555

No Comments

QUESTION 8



Correct Answer

Score 5

Compilers > Multiple Choice Compilers

QUESTION DESCRIPTION

What is the purpose of a compiler?

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ☐ To execute code on a computer system
- ☒ To translate source code into machine code
- ☐ To perform analysis of code for security vulnerabilities
- ☐ To debug code for errors and issues

No Comments

QUESTION 9



Correct Answer

Score 2.5

Unit Tests > Multiple Choice Unit Testing

QUESTION DESCRIPTION

Select one or more advantages of writing unit tests.

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ☒ ☒ Simplifies debugging by uncovering bugs early in development
- ☒ ☐ Speeds development by simplifying integration
- ☒ ☐ Improves design as part of test-driven development
- ☒ ☒ Detects new bugs during regression testing

No Comments

QUESTION 10



Correct Answer

Score 5

git status > Multiple Choice Git Medium

QUESTION DESCRIPTION

Based on the output of the 'git status' command that is shown, which of the following statements is true?

```
git status
On branch newbranch
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

    modified:   README.md

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

    modified:   README.md
```

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ☐ There are 2 files with the name README.md.
- ☐ `git reset --soft HEAD~` was executed and the last commit added the README.md file.
- ☐ `git reset --mixed HEAD~` was executed and the last commit added the README.md file.
- ☐ `git reset --hard HEAD~` was executed and the last commit added the README.md file.
- ☒ ☒ `git add README.md` was executed and then another change was made to the README.md file.

No Comments

QUESTION 11



Correct Answer

Score 5

Classes difference > Multiple Choice Classes

QUESTION DESCRIPTION

What is the difference between private and protected classes?

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ☐ Private members can be accessed by derived classes, whereas protected members cannot
- ☐ Protected members can be accessed by any class in the same namespace, whereas private members cannot
- ☒ ☒ Private members can only be accessed by member functions of the same class, whereas protected members can be accessed by member functions of derived classes
- ☐ There is no difference between private and protected members


No Comments


QUESTION 12




JavaScript Task3 > Multiple Choice Javascript

Correct Answer	<u>QUESTION DESCRIPTION</u>
Score 5	In JavaScript which of the following is NOT the correct way to declare an array?
CANDIDATE ANSWER	
Options: (Expected answer indicated with a tick)	
<input type="radio"/> var arr = [1, "two", 3];	
<input type="radio"/> var arr = new Array();	
<input checked="" type="radio"/> var[] arr = new Number()[5];	
<input type="radio"/> None of the above	
No Comments	

QUESTION 13  Correct Answer	JavaScript Task1 > Multiple Choice Javascript
Score 5	<u>QUESTION DESCRIPTION</u>
	In JavaScript which of the following is NOT a correctly defined object?
CANDIDATE ANSWER	
Options: (Expected answer indicated with a tick)	
<input type="radio"/> var obj = {};	
<input type="radio"/> var obj = {name: "Steve"};	
<input checked="" type="radio"/> var obj = {name = "Steve"};	
<input type="radio"/> var obj = new Object();	
No Comments	

QUESTION 14  Correct Answer	JavaScript Task2 > Multiple Choice Javascript
Score 5	<u>QUESTION DESCRIPTION</u>
	In JavaScript what is the meaning of "null"?
CANDIDATE ANSWER	
Options: (Expected answer indicated with a tick)	
<input type="radio"/> Null means empty string value	
<input checked="" type="radio"/> Null means absence of value	
<input type="radio"/> Null means unknown value	
<input type="radio"/> Null means zero value	
No Comments	

QUESTION 15


Correct Answer

Score 5

JavaScript Task4 > Multiple Choice Javascript

QUESTION DESCRIPTION

How to handle errors in JavaScript?

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

☐ By writing error-proof code


☐ By using eval() function

☐ By using if-else block

☒ By using try, catch & finally block

No Comments

QUESTION 16


Wrong Answer

Score 0

Security SSL/TLS > Multiple Choice Security Easy

QUESTION DESCRIPTION

What is the role of the SSL/TLS handshake in establishing a secure connection over HTTPS?

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

☐ To verify the identity of the web server.


☒ To agree on a shared secret key for symmetric encryption.

☐ To negotiate the algorithms and parameters used for encryption.

☐ To establish a secure tunnel for data transmission.

No Comments

QUESTION 17


Correct Answer

Score 5

Security HTTPS > Multiple Choice Security Easy

QUESTION DESCRIPTION

What is the main purpose of HTTPS?

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

☐ To improve website loading times.

☒ To make web communication more secure.

☐ To allow access to old websites on newer browsers.

☐ All of the above

No Comments

QUESTION 18



Correct Answer

Score 5

CSS Task1 > Multiple Choice CSS


QUESTION DESCRIPTION

What type of CSS is the following code snippet?

```
<h1 style="color:blue;">A Blue Heading</h1>
```

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ☒  ☐ Inline
- ☐ Internal
- ☐ External
- ☐ None of the above

No Comments

QUESTION 19



Wrong Answer

Score 0

CSS Task2 > Multiple Choice CSS


QUESTION DESCRIPTION

What will be the width of the div element given below?

```
div {  
  width: 310px;  
  padding: 20px;  
  border: 5px solid blue;  
  margin: 0;  
}
```

CANDIDATE ANSWER


Options: (Expected answer indicated with a tick)

- ☐ 310px
- ☐ 330px
- ☒  360px
- ☐ None of the above

No Comments


QUESTION 20

C++ References > Multiple Choice C++ Easy

<div><div></div><div>Wrong Answer</div></div>	<div>QUESTION DESCRIPTION</div> <div>In C++ what is the difference between a reference and a pointer?</div>
<div>Score 0</div>	<div>CANDIDATE ANSWER</div> <div>Options: (Expected answer indicated with a tick)</div> <div><div><input type="radio"/></div>References and pointers are the same thing.</div> <div><input checked="" type="radio"/></div> References cannot be changed after initialization, whereas pointers can be reassigned.


☐☒

No Comments

<div>QUESTION 21</div> <div><div></div><div>Wrong Answer</div></div>	<div>C++ Virtual functions > Multiple Choice <div>Easy</div> <div>C++</div></div> <div>QUESTION DESCRIPTION</div> <div>In C++ what is the difference between a virtual function and a pure virtual function?</div>
<div>Score 0</div>	<div>CANDIDATE ANSWER</div> <div>Options: (Expected answer indicated with a tick)</div> <div><input checked="" type="radio"/></div> Virtual functions can be overridden by a derived class, whereas pure virtual functions cannot.

☐☒☐

No Comments

<div>QUESTION 22</div> <div><div></div><div>Correct Answer</div></div>	<div>C++ Template > Multiple Choice <div>C++</div> <div>Easy</div></div> <div>QUESTION DESCRIPTION</div> <div>In C++ what is a template?</div>
<div>Score 5</div>	<div>CANDIDATE ANSWER</div> <div>Options: (Expected answer indicated with a tick)</div> <div><input type="radio"/></div> Function that takes any type of argument.

☒☐

☐ Keyword used to declare a variable that cannot be changed.

No Comments

QUESTION 23



Correct Answer

Score 3.33

C# Generic > Multiple Choice C# Medium

QUESTION DESCRIPTION

In C# which of the following can be defined generic?

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ☒ ☒ class
- ☒ ☒ struct
- ☒ ☐ delegate
- ☐ enum

No Comments

QUESTION 24



Correct Answer

Score 2.5

C# Async > Multiple Choice C# Medium

QUESTION DESCRIPTION

In C# which of the following is correctly declared asynchronous method?

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ☐ public await Task<int> MyMehod(int x)
- ☒ ☐ public Task<int> MyMethod(int x)
- ☒ ☒ public async Task<int> MyMethod(int x)
- ☐ public int MyMethodAsync(int x)

No Comments

QUESTION 25



Correct Answer

Score 5

C# Base class > Multiple Choice C# Easy

QUESTION DESCRIPTION

In C# which keyword you should use to restrict a class to be a base class?

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ☐ sealed

- ☐ protected
- ☐ virtual
- ☐ private
- ☒ abstract

No Comments

QUESTION 26



Correct Answer

Score 5

C# Operator > Multiple Choice C# Easy

QUESTION DESCRIPTION

In C# what is the equivalent of the following condition?

```
if (a > b)
    c = b;
else
    c = a;
```

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ☒ ☐ `c = a > b ? b : a;`
- ☐ `c = a > b ? a : b;`
- ☐ `c = a > b > return(b) : return(a);`
- ☐ `c = a > b ? b : a < b ? a : b;`

No Comments

QUESTION 27



Correct Answer

Score 10

Password Vallidation > Coding Algorithms Easy

QUESTION DESCRIPTION

Problem

Write a password validation.

Instead a password, new policy in the company is requiring all passwords to be replaced by PassSentences. One PassSentence should consists a series of words - all lowercase and separated by a space.

A valid PassSentence should not contains one word more than once.

Write function to validate such PassSentences.

The input is a list of strings which contains multiple PassSentences.
The output should be how many PassSentences are valid.

Example

Input

aa bb cc dd ee - is valid

aa bb cc dd aa - is not valid - the word **aa** appears more than once

aa bb cc dd aaa - is valid - **aa** and **aaa** count as different words

Output

CANDIDATE ANSWER

Language used: JavaScript (Node.js)

```

1  /*
2   * Complete the 'ValidatePassSentences' function below.
3   *
4   * The function is expected to return an INTEGER.
5   * The function accepts STRING_ARRAY input as parameter.
6   */
7
8  function ValidatePassSentences(input) {
9
10     const words = new Set();
11     let i = 0;
12
13     for (let word of words){
14         const dumi = word.split(' ')
15
16         const wordSet = new Set(words);
17         if (wordSet.size !== words.length){
18             continue;
19         }
20         if(sentenceSet.has(sentence)){
21             continue;
22         }
23         i++
24         sentenceSet.add(sentence);
25     }
26     return i;
27
28
29 }

```

TESTCASE	DIFFICULTY	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Sample Testcase 1	Easy	Sample case	Wrong Answer	0	0.0694 sec	38.4 KB
Sample Testcase 2	Easy	Sample case	Wrong Answer	0	0.0615 sec	38.7 KB
Testcase 1	Easy	Hidden case	Wrong Answer	0	0.0671 sec	38.5 KB
Testcase 2	Easy	Hidden case	Wrong Answer	0	0.054 sec	38.4 KB
Testcase 3	Medium	Hidden case	Wrong Answer	0	0.0746 sec	38.6 KB
Testcase 4	Medium	Hidden case	Success	10	0.0807 sec	38.3 KB
Testcase 5	Hard	Hidden case	Wrong Answer	0	0.0599 sec	38.6 KB

No Comments

QUESTION 28



Correct Answer

Score 40

Biggest group > Coding Algorithms Easy

QUESTION DESCRIPTION

Problem

Find the biggest group

You have groups of numbers and you should decide which one is the biggest one. The size of the group is the **Sum** of the numbers in that group.

The Input is list of string, each number is on a new line. Groups are separated by empty line.
What is the size of the biggest group?

Example

Input

1000
2000
3000

4000

5000
6000

7000
8000
9000

10000

The sizes of the groups are:

First Group – 6000

Second Group – 4000

Third Group – 11000

Fourth Group – 24000

Fifth Group - 10000

The biggest group is the Fourth Group, because 24000 is the biggest one.

Output

2400

CANDIDATE ANSWER

Language used: **JavaScript (Node.js)**

```
1  /*
2  /*
3  * Complete the 'Q2' function below.
4  *
5  * The function is expected to return an INTEGER.
6  * The function accepts STRING_ARRAY input as parameter.
7  */
8
9  function Q2(input) {
10     let maxSum = 0;
11     let sum = 0;
12
13     for(let i =0; i < input.length; i++){
14         if (input[i] === ""){
15             if(sum > maxSum){
16                 maxSum = sum;
17             }
18             sum = 0;
19         }
20         else{
21             let nums = input[i].split("\n");
```



```
22         for (let j = 0; j < nums.length; j++) {
23             sum += parseInt(nums[j])
24         }
25     }
26 }
27 return maxSum;
28
29 }
30
```

TESTCASE	DIFFICULTY	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Sample Testcase 0	Easy	Sample case	✔ Success	0	0.0839 sec	38.7 KB
Testcase 1	Medium	Hidden case	✔ Success	10	0.0639 sec	38.7 KB
Sample Testcase 1	Easy	Sample case	✔ Success	0	0.0471 sec	38.6 KB
Testcase 2	Medium	Hidden case	✔ Success	10	0.0849 sec	38.7 KB
Testcase 3	Medium	Hidden case	✘ Wrong Answer	0	0.0535 sec	38.4 KB
Testcase 4	Hard	Hidden case	✔ Success	10	0.064 sec	38.3 KB
Testcase 6	Hard	Hidden case	✔ Success	10	0.0927 sec	38.5 KB

No Comments

QUESTION 29



Not Submitted

Score 0

Sum comparisons > Coding Algorithms Medium

QUESTION DESCRIPTION

Problem
Compare sums of different groups of numbers

You have a list of integers. You should determine, how many times the sum of group of 3 consecutive numbers is larger than the sum of the previous group of 3 consecutive numbers.
Input is a list of integers.
Output is a number, which contains how many times the sum of 3 consecutive numbers is larger than the sum of the previous 3 consecutive numbers.

Example

Input

199
200
208
210
200
207
240
269
260
263

With Alphabet numbers are marked which 3 numbers are forming a group

199	A			
200	A	B		
208	A	B	C	

210		B	C	D
200	E		C	D
207	E	F		D
240	E	F	G	
269		F	G	H
260			G	H
263				H

SUM A: 607 (N/A - no previous sum)

SUM B: 618 (increased)

SUM C: 618 (no change)

SUM D: 617 (decreased)

SUM E: 647 (increased)

SUM F: 716 (increased)

SUM G: 769 (increased)

SUM H: 792 (increased)

There are 5 times, when the sum of 3 numbers is larger than the sum of the previous 3 numbers.

Output

5

CANDIDATE ANSWER

i This candidate has not answered this question.

No Comments

QUESTION 30



Wrong Answer

Score 0

Summing > Coding

Easy

Algorithms

QUESTION DESCRIPTION

Problem

Determine the difference between the largest value and the smallest value in list of numbers.
What is the sum of all differences?

The input is list of strings. On each row there are multiple integers, separated by empty space.
The output should be the sum of the differences on each row.

Example

Input

5 1 9 5

7 5 3 3

2 4 6 8

The first row's largest and smallest values are 9 and 1, and their difference is 8.
The second row's largest and smallest values are 7 and 3, and their difference is 4.
The third row's difference is 6.
In this example, the the result would be $8 + 4 + 6 = 18$.

Output








CANDIDATE ANSWER

Language used: JavaScript (Node.js)

```

1
2  /*
3   * Complete the 'Q1' function below.
4   *
5   * The function is expected to return an INTEGER.
6   * The function accepts STRING_ARRAY input as parameter.
7   */
8
9  function Q1(input) {
10     const rows = input.split("\n");
11     let sum = 0;
12
13     for(let i =0;i < rows.length; i++){
14         const nums = rows[i].split(" ").map(num => parseInt(num));
15         const maxNum = Math.max(...nums);
16         const minNum = Math.min(...num);
17         const difference = maxNum - minNum;
18         sum +=difference;
19     }
20     return
21 }
22

```

TESTCASE	DIFFICULTY	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Sample Testcase 1	Easy	Sample case	 Runtime Error	0	0.0433 sec	39.1 KB
Testcase 1	Easy	Hidden case	 Runtime Error	0	0.0639 sec	39 KB
Sample Testcase	Easy	Sample case	 Runtime Error	0	0.0557 sec	39.2 KB
Testcase 2	Medium	Hidden case	 Runtime Error	0	0.0522 sec	39 KB
Testcase 3	Medium	Hidden case	 Runtime Error	0	0.0672 sec	39.1 KB
Testcase 4	Hard	Hidden case	 Runtime Error	0	0.1087 sec	39.2 KB
Testcase 5	Hard	Hidden case	 Runtime Error	0	0.0745 sec	39.1 KB

No Comments

QUESTION 31



Self Evaluation

Score 0

Specify your preferred stack or framework > Subjective

QUESTION DESCRIPTION

Please, specify your preferred coding language(s), stack(s) or framework(s).

C# and .NET family - Blazor, WPF/ WinUI, ASP.NET Core MVC

C++, Java

JavaScript stack (Angular, React or jQuery) along with Node.js

CANDIDATE ANSWER

JavaScript along with node.js

No Comments

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