

QUESTION 1



Correct Answer

Score 25

Reverse Word - HattaWOW > Coding

QUESTION DESCRIPTION

Create a code where it reverses a sentence.
Example "I am a BTPN employee" to "eyyolpme NPTB a ma I"

CANDIDATE ANSWER

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

```
1 process.stdin.resume();
2 process.stdin.setEncoding("ascii");
3 var input = "";
4 process.stdin.on("data", function (chunk) {
5     input += chunk;
6 });
7 process.stdin.on("end", function () {
8     var output = '';
9     output = input.split('').reverse().join('');
10    console.log(output);
11 });
12
13
```

TESTCASE	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 0	Medium	✔ Success	5	0.06 sec	27.9 MB
Testcase 1	Medium	✔ Success	5	0.06 sec	27.8 MB
Testcase 2	Medium	✔ Success	5	0.06 sec	27.8 MB
Testcase 3	Medium	✔ Success	5	0.06 sec	28.2 MB
Testcase 4	Medium	✔ Success	5	0.06 sec	27.7 MB

No Comments

QUESTION 2



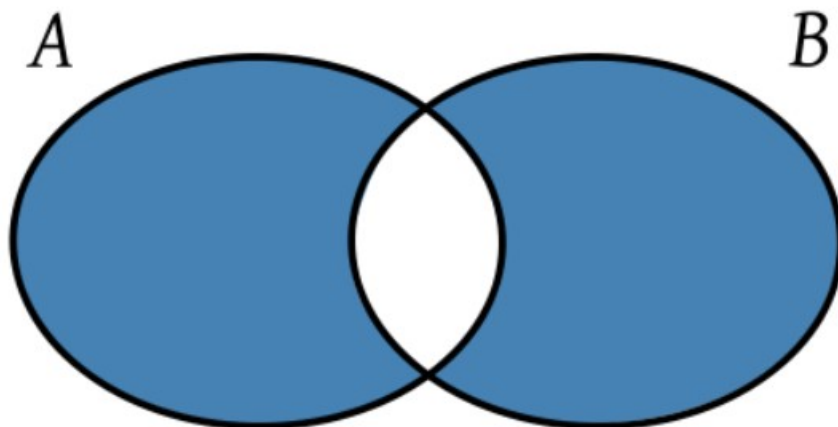
Wrong Answer

Score 0

Symmetric Difference - Kiki Kiswanto > Coding

QUESTION DESCRIPTION

Symmetric Difference - get difference A from B and B from A.



Example 1:

{1,2,3}

{2,3,4}

Result:

["1","4"]

Example 2:

{1,2,3}

{1,2,3}





Result:

[]

CANDIDATE ANSWER

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

```
1  /*
2   * Complete the 'getDiff' function below.
3   *
4   * The function is expected to return a STRING.
5   * The function accepts following parameters:
6   * 1. STRING var1
7   * 2. STRING var2
8   */
9
10 function getDiff(var1, var2) {
11     var output = ""; //string output
12     for (let i = 0; i < var1.length; i++){
13         for (let j = 0; j < var2.length; j++){
14             if (var1[i].equals(var2[j])) {
15                 output = "[]";
16             } else {
17
18                 output += var1[i] + var2[j];
19             }
20         }
21     }
22     console.log(output);
23 }
24 }
```

TESTCASE	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 0	Easy	 Runtime Error	0	0.06 sec	27.9 MB
Testcase 1	Easy	 Runtime Error	0	0.06 sec	27.8 MB
Testcase 2	Easy	 Runtime Error	0	0.06 sec	27.8 MB
Testcase 3	Easy	 Runtime Error	0	0.05 sec	27.8 MB

No Comments

QUESTION 3

Wrong Answer

Score 0

Satelit Pemancar - Ucok Mandalahi

> Coding

Arrays

Java

QUESTION DESCRIPTION

Suatu kota terdiri dari beberapa blok area yang direpresentasikan dengan 2 dimensi diagonal (m, n). Kota ini akan dibangun satelit pemancar (x) yang di tempatkan pada posisi tertentu (i, j).

Satelit ini mampu menjangkau radius 1 blok area disekitarnya. Total maksimum blok area yang mampu dijangkau suatu satelit adalah 9, yaitu: 3 blok atas, 3 blok bawah, 1 blok kiri, 1 blok kanan, dan 1 blok satelit itu sendiri.

Suatu satelit akan menempati tepat 1 posisi, namun jangkauan blok area bisa jadi saling beririsan satu sama lain.

Tentukan total blok area (t) yang dijangkau oleh semua satelit dalam kota tersebut dimana blok area yang beririsan dihitung 1 kali.

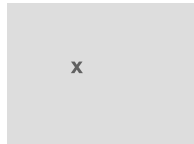
Function Description

Lengkapi function “calcBlockAreaCoverage” dalam editor ini. Function ini akan me-return total blok area dengan inputan:

- baris pertama adalah baris
- baris kedua adalah kolom
- baris ketiga (jika ada) adalah koordinat posisi-posisi satelit

Constraints

1. $m \geq 1$ & $n \geq 1$
2. $x \geq 0$
3. $i \geq 0$ & $j \geq 0$
4. $t \geq 0$
5. $x \geq 0$

Sample Case 1

Sample input case 1:

4

3

2,1

Sample output case 1: **9**

Penjelasan: Total blok area jangkauan satelit x mencapai maksimum, yaitu 9

Sample Case 2

Sample input case 2:

5

3

2,1 4,2

Sample output case 2: **11**

Penjelasan: Dari 2 satelite x, terdapat blok area yang beririsan antar satelit, total blok area: $9 + 2 = 11$







CANDIDATE ANSWER

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

```

1 function processData(input) {
2     //Enter your code here
3     _input = _input * input;
4 }
5
6 process.stdin.resume();
7 process.stdin.setEncoding("ascii");
8 _input = "";
9 process.stdin.on("data", function (input) {
10     _input += input;
11 });
12
13 process.stdin.on("end", function () {
14     processData(_input);
15 });
16

```

TESTCASE	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 0	Easy	 Wrong Answer	0	0.05 sec	28 MB
Testcase 1	Easy	 Wrong Answer	0	0.05 sec	27.7 MB
Testcase 2	Easy	 Wrong Answer	0	0.06 sec	27.6 MB
Testcase 3	Easy	 Wrong Answer	0	0.05 sec	27.6 MB
Testcase 4	Easy	 Wrong Answer	0	0.06 sec	28 MB
Testcase 5	Easy	 Wrong Answer	0	0.05 sec	27.9 MB

No Comments

QUESTION 4



Wrong Answer

Score 0

Select Head and Follower - Kunto > Coding

Javascript

QUESTION DESCRIPTION

Objective :

Determine the **head** and **followers**.

Detail:

First, select a random **head** from the given array. Then determine the capacity of head from the length.

Capacity will determine how much **followers** that **head** can have.

Choose followers from rest of array, first make sure pick the **strongest one**. The expected result is an array that contain the head, followed by the first follower, second follower, etc.

Example :

We have candidate with list : ["ada", 2938, "o", "goro", 7650001, "33445"];

case result 1 :

chosen head : "ada"

follower : [7650001, "33445", 2938]

expected result : ["ada", 7650001, "33445", 2938]

case result 2 :

chosen head : 7650001

follower : ["33445", 2938, "goro", "ada", "o"]

follower : [33445, 2938, goro, ada, o]
expected result : [7650001, "33445", 2938, "goro", "ada", "o"]

case result 3 :

chosen head : "o"

follower : [7650001]

expected result : ["o", 7650001]

case result 4 :

chosen head : 2938





follower : [7650001, "33445", "goro", "ada"]

expected result : [2938, 7650001, "33445", "goro", "ada"]

CANDIDATE ANSWER

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

```
1 function selectFollower(obj, lenHead) {  
2     var output = "";  
3     for (let i = 0; i < rank.length; i++){  
4         if (rank.length[i] > rank.length[i + 1]) {  
5             output += rank.length[i];  
6         }  
7     }  
8 }  
9  
10
```

TESTCASE	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
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Testcase 2	Easy	 Wrong Answer	0	0.06 sec	27.6 MB
Testcase 3	Easy	 Wrong Answer	0	0.06 sec	28 MB
Testcase 4	Easy	 Wrong Answer	0	0.05 sec	27.6 MB

No Comments