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Test Name: Python Basics Hands-on Series-2 SGP
Taken On: 2 Mar 2024 16:04:53 IST
Time Taken: 10 min 42 sec/ 60 min
Invited by: Ashwin Joy
Skills Score:
Tags Score:

100%

100/100

scored in **Python Basics Hands-on Series-2 SGP** in 10 min 42 sec on 2 Mar 2024 16:04:53 IST

Recruiter/Team Comments:

No Comments.

	Question Description	Time Taken	Score	Status
Q1	Programming Q5 > Coding	37 sec	25/ 25	✓
Q2	Programming Q6 > Coding	1 min 5 sec	25/ 25	✓
Q3	Programming Q7 > Coding	3 min 1 sec	25/ 25	✓
Q4	Programming Q8 > Coding	5 min 35 sec	25/ 25	✓

QUESTION 1



Correct Answer

Score 25

Programming Q5 > Coding

QUESTION DESCRIPTION

Write a program to display the given integer in a reverse manner. Read an integer value as the input from the console. Find the reverse of the number and print it on the console as output.

Sample TestCase

Input

749

Output

947

CANDIDATE ANSWER

Language used: **Python 3**

```
1
2 my_string = input()
3
4 print(my_string[::-1])
```

TESTCASE	DIFFICULTY	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 0	Easy	Sample case	✔ Success	5	0.036 sec	9.15 KB
Testcase 1	Easy	Hidden case	✔ Success	5	0.014 sec	9.07 KB
Testcase 2	Easy	Hidden case	✔ Success	5	0.0165 sec	9.23 KB
Testcase 3	Easy	Hidden case	✔ Success	5	0.0152 sec	9.08 KB
Testcase 4	Easy	Hidden case	✔ Success	5	0.0158 sec	9.12 KB

No Comments

QUESTION 2



Correct Answer

Score 25

Programming Q6 > Coding

QUESTION DESCRIPTION

Write a program to check whether a number is palindrome or not. If the number is a palindrome, print "The number is a palindrome". Else, print "The number is not a palindrome".

Sample TestCase

Input

12321

Output

The number is a palindrome

CANDIDATE ANSWER

Language used: **Python 3**

```
1 # Enter your code here. Read input from STDIN. Print output to STDOUT
2
3 my_string = input()
4 reverse = my_string[::-1]
5
6 if(my_string == reverse):
7     print("The number is a palindrome")
8 else:
9     print("The number is not a palindrome")
```

TESTCASE	DIFFICULTY	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
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Testcase 0	Easy	Sample case	✔ Success	5	0.0142 sec	9.14 KB
Testcase 1	Easy	Hidden case	✔ Success	5	0.0546 sec	8.9 KB
Testcase 2	Easy	Hidden case	✔ Success	5	0.0175 sec	9.12 KB
Testcase 3	Easy	Hidden case	✔ Success	5	0.0126 sec	9.07 KB
Testcase 4	Easy	Hidden case	✔ Success	5	0.014 sec	9.25 KB

No Comments

QUESTION 3



Correct Answer

Score 25

Programming Q7 > Coding

QUESTION DESCRIPTION

Write a program to find the circumference and area of a circle with a given radius.

Read the input from the console. Print the area of the circle and the circumference of the circle as output. Round off the values to two decimal places. Please refer the sample test cases for reference.

Kindly use these formulas:

circumference = $2 * \text{PI} * r$

area = $\text{PI} * r * r$

, where r is the radius of the circle. You can use 3.1416 as the value of PI.

Sample TestCase

Input

4

Output

The circumference of the circle is: 25.13
The area of the circle is: 50.27

CANDIDATE ANSWER

Language used: **Python 3**

```

1 # Enter your code here. Read input from STDIN. Print output to STDOUT
2
3 r = float(input())
4
5 c = 2 * 3.1416 * r
6 area = 3.1416 * r * r
7
8 print("The circumference of the circle is: {:.2f}".format(c))
9 print("The area of the circle is: {:.2f}".format(area))

```

TESTCASE	DIFFICULTY	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 0	Easy	Sample case	✔ Success	5	0.014 sec	9.32 KB

Testcase 1	Easy	Hidden case	✔ Success	5	0.0134 sec	9.32 KB
Testcase 2	Easy	Hidden case	✔ Success	5	0.0157 sec	9.05 KB
Testcase 3	Easy	Hidden case	✔ Success	5	0.0193 sec	9.21 KB
Testcase 4	Easy	Hidden case	✔ Success	5	0.0266 sec	9.24 KB

No Comments

QUESTION 4



Correct Answer

Score 25

Programming Q8 > Coding

QUESTION DESCRIPTION

Write a program to count the total number of vowels in a string.

Read a string as input from the console and print the number of vowels as output on the console in the following format: "Total number of vowels: 5". If there are no vowels in the string, print "No vowels were found."

Kindly check the sample test case given below for more clarity.

Sample Testcase

Input

HelloWorld

Output

Total number of vowels: 3

CANDIDATE ANSWER




Language used: **Python 3**

```

1 # Enter your code here. Read input from STDIN. Print output to STDOUT
2
3 my_string = input()
4 vowels = "aeiouAEIOU"
5 count = 0
6
7 for i in my_string:
8     if i in vowels:
9         count += 1
10
11 if(count==0):
12     print("No vowels were found.")
13 else:
14     print("Total number of vowels:",count)
15

```

TESTCASE	DIFFICULTY	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 0	Easy	Sample case	✔ Success	5	0.0988 sec	9.12 KB
Testcase 1	Easy	Hidden case	✔ Success	5	0.0541 sec	9.25 KB

Testcase 2	Easy	Hidden case		Success	5	0.0191 sec	9.24 KB
Testcase 3	Easy	Hidden case		Success	5	0.0482 sec	9.29 KB
Testcase 4	Easy	Hidden case		Success	5	0.015 sec	9.22 KB

No Comments