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LEARN TO CODE SMARTER NOT HARDER

"Choose a Challenge. Start Coding. Hit a Roadblock? Get Instant Hints, Step-by-Step Guidance, and Clear Explanations to Sharpen Your Coding Skills with AI."

Get Started ▶

Coding Tutor AI

Problem

✓ Solved

Program to check whether the string is Palindrome

Input

amaama

Output

The entered string is palindrome

Code

Python

▶ Run Code

```
1 def is_palindrome(s):
2     s = s.replace(" ", "").lower()
3     if s == s[::-1]:
4         return "The entered string is palindrome"
5     else:
6         return "The entered string is not palindrome"
7
8 input_string = "amaama"
9
10 result = is_palindrome(input_string)
11 print(result)
12
```

Genie

Hint

Explanation

💡 Explanation : To check whether a string is a palindrome, you can first remove spaces and convert all characters to lowercase. Then compare the string with its reverse to check if it is a palindrome. You can use string slicing to reverse the string.

✓ Hint : Check the way you are slicing the string in the condition.

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→ What Is Your Coding level ?

A. Beginner

B. Medium

C. Expert

→ Select the language ?

A. Python

B. C

C. C++

D. Java

1. Basics of Variables and Input

- Question: Write a Python program to ask the user for their name and print a greeting.
- Example Output:

```
Enter your name : Prajval
```

```
Hello, Prajval !
```

2. Even or Odd

- Question: Write a Python program to check if a number is even or odd.
- Hint: Use the modulus operator %.

3. Sum of Two Numbers

- Question: Write a program that takes two numbers as input and prints their sum.
- Example Output:


```
Enter first number: 10
```


```
Enter second number: 20
```

```
The sum is: 30
```

AI Coding Tutor Dashboard

 Settings

 Total Lessons
120

 Completed Lessons
75

 Progress



50 % completed

Recent Activities

→ Completed Python Basics

→ Completed DSA

User Name

- Change the Name
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- Skill Level

About us

About Us

Welcome to AI Based Coding Tutor, your personal AI-powered coding mentor! Our mission is to make learning to code accessible, personalized, and effective for everyone, whether you're a beginner taking your first steps or an experienced developer aiming to level up your skills.

At the core of AI Based Coding Tutor, is cutting-edge artificial intelligence designed to mimic the guidance of a real-life tutor. We provide:

- **Personalized Learning Paths:** Our AI adapts to your pace, skill level, and goals, ensuring you learn efficiently without feeling overwhelmed.
- **Instant Feedback:** Receive real-time feedback on your code to identify mistakes and improve faster.
- **Interactive Challenges:** Build hands-on projects, solve algorithmic challenges, and solidify your understanding through practical learning.
- **Comprehensive Support:** From foundational concepts to