

Assignment No. 13

# Built in Functions

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# Objective

- Write a program that defines a function to calculate the area of a circular given it's radius. Test the function by providing different values for the radius

# Code

- Snapshot of your code

```
def is_palindrome(s):  
    s = s.lower() # Convert to lowercase to ignore case  
    s = ''.join(filter(str.isalnum, s)) # Remove non-alphanumeric characters  
    return s == s[::-1] # Compare the string with its reverse  
  
input_string = input("Enter a string: ")  
if is_palindrome(input_string):  
    print("It's a palindrome!")  
else:  
    print("It's not a palindrome.")
```

Text watermark

# Output

- Snapshot of your output

```
Enter a string: level  
It's a palindrome!  
  
Process finished with exit code 0  
|
```

Text watermark