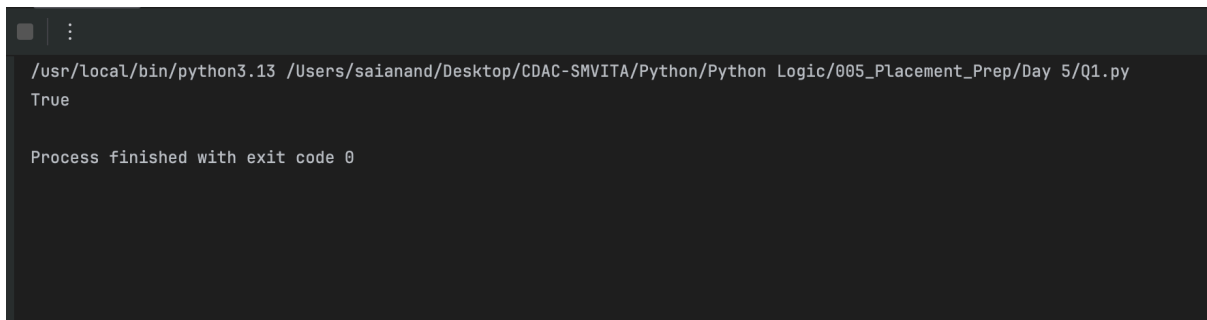


**Q1) Write a Python function to check whether a string is a pangram or not.**

**Note : Pangrams are words or sentences containing every letter of the alphabet at least once.**

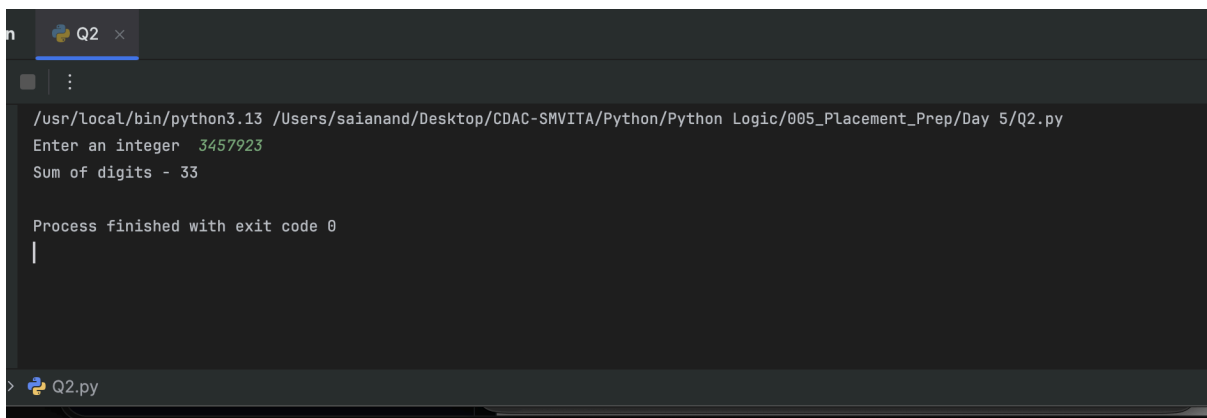
**For example : "The quick brown fox jumps over the lazy dog"**

```
def pangram(str1):  
    str1 = str1.lower()  
    return set('abcdefghijklmnopqrstuvwxyz').issubset(set(str1))  
  
print(pangram("The quick brown fox jumps over the lazy dog"))
```

A terminal window showing the execution of a Python script. The command prompt is '/usr/local/bin/python3.13 /Users/saianand/Desktop/CDAC-SMVITA/Python/Python Logic/005\_Placement\_Prep/Day 5/Q1.py'. The output is 'True'. Below the output, it says 'Process finished with exit code 0'.

**Q2) Write a Python program to calculate the sum of the digits in an integer.**

```
num = int(input("Enter an integer "))  
dsum = sum(int(i) for i in str(abs(num)))  
print("Sum of digits -", dsum)
```

A terminal window showing the execution of a Python script. The command prompt is '/usr/local/bin/python3.13 /Users/saianand/Desktop/CDAC-SMVITA/Python/Python Logic/005\_Placement\_Prep/Day 5/Q2.py'. The input is '3457923'. The output is 'Sum of digits - 33'. Below the output, it says 'Process finished with exit code 0'. The file name 'Q2.py' is visible in the bottom left corner.

**Q3) Write a Python program to sort three integers without using conditional statements and loops. [ u can use built in functions for this ]**

```
a, b, c = map(int, input("Enter three integers: ").split())
```

```
sorted_numbers = sorted([a, b, c])  
print("Sorted order:", sorted_numbers)
```

```
/usr/local/bin/python3.13 /Users/saianand/Desktop/CDAC-SMVITA/Python/Python Logic/005_Placement_Prep/Day 5/Q3.py  
Enter any three numbers: 34 59 001  
Numbers in ascending order: [1, 34, 59]  
  
Process finished with exit code 0
```