

Q.1) Write a Python function to check whether a string is a pangram or not.

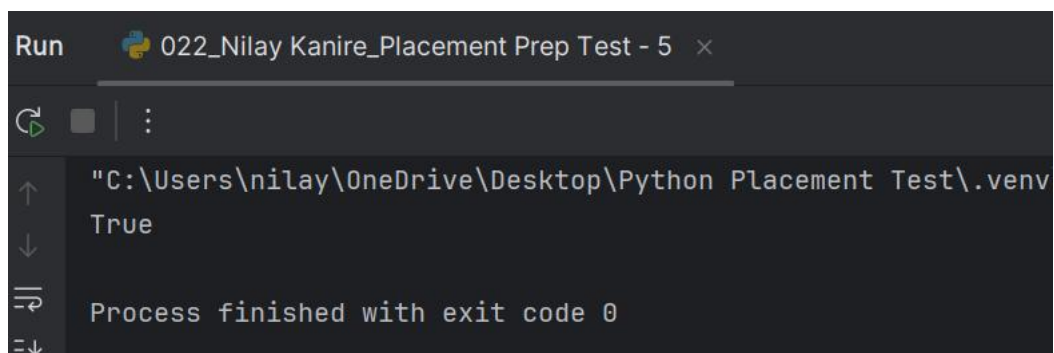
Note : Pangrams are words or sentences containing every letter of the alphabet at least once.

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

```
def is_Pangrams(s):  
    alphabet = set("abcdefghijklmnopqrstuvwxyz")  
    s = s.lower()  
    return set(s) >= alphabet
```

```
print(is_Pangrams(str1))
```

#output ->



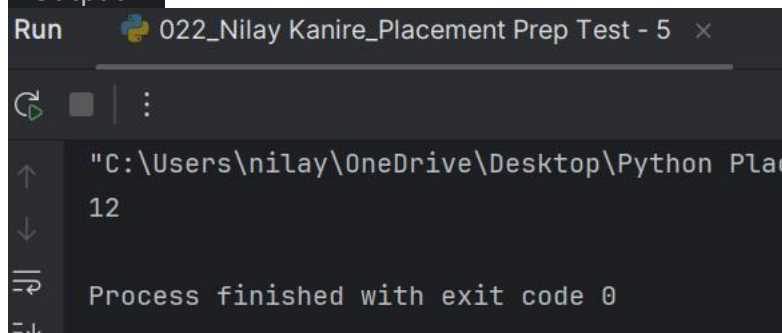
```
Run 022_Nilay Kanire_Placement Prep Test - 5 ×  
"C:\Users\nilay\OneDrive\Desktop\Python Placement Test\.venv  
True  
Process finished with exit code 0
```

Q.2) Write a Python program to calculate the sum of the digits in an integer.

```
num = 123321  
def digit_sum(n):  
    return sum(int(digit) for digit in str(n))
```

```
print(digit_sum(num))
```

# Output ->



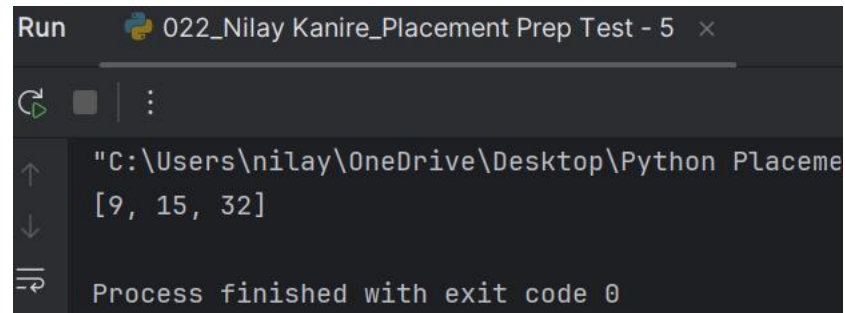
```
Run 022_Nilay Kanire_Placement Prep Test - 5 ×  
"C:\Users\nilay\OneDrive\Desktop\Python Plac  
12  
Process finished with exit code 0
```

Q.3) Write a Python program to sort three integers without using conditional statements and loops. [ u can use built in functions for this ]

```
def sort_integer(a,b,c):  
    return sorted([a,b,c])
```

```
print(sort_integer(15,9,32))
```

# Output ->



The screenshot shows a terminal window titled "Run" with a Python icon and the text "022\_Nilay Kanire\_Placement Prep Test - 5". The terminal output displays the file path "C:\Users\nilay\OneDrive\Desktop\Python Placeme" followed by the sorted list "[9, 15, 32]". At the bottom, it states "Process finished with exit code 0".