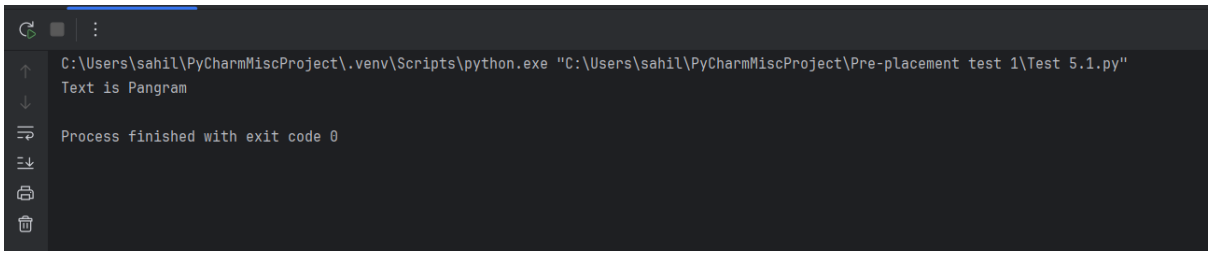
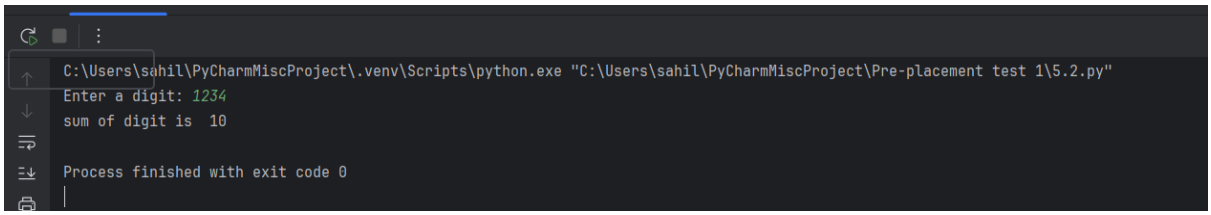
1) Write a Python function to check whether a string is a pangram or not.
Note : Pangrams are words or sentences containing every letter of the alphabet at least once.
For example : "The quick brown fox jumps over the lazy dog"
ANS:

```
def pangram(text):
    text = text.lower()
    for i in range(ord('a'), ord('z') + 1):
        if chr(i) not in text:
            return False
    return True

text = "The quick brown fox jumps over the lazy dog"

if pangram(text):
    print("Text is Pangram")
else:
    print("Text is NOT Pangram")
```



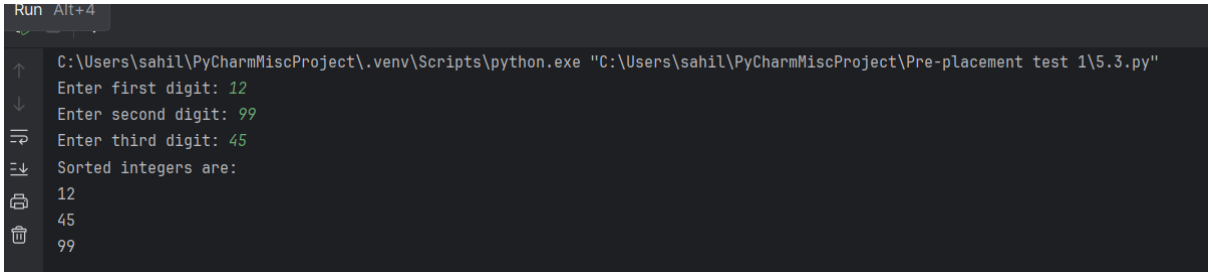
Q.2) Write a Python program to calculate the sum of the digits in an integer.
ANS:

```
digit=int(input("Enter a digit: "))
digits=len(str(digit))
sum=0

for i in range(1,(digits+1)):
   s=digit%10
   sum+=s
   digit=digit//10
print("sum of digit is ",sum)
```



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

```
a=int(input("Enter first digit: "))
b=int(input("Enter second digit: "))
c=int(input("Enter third digit: "))

l=[a,b,c]
l.sort()
print(l)
```



Q.4) Write a Python function to check whether a number is perfect or not.
ANS:

```
digit=int(input("Enter a digit: "))
l=[]
for i in range(1,digit):
   if digit %i ==0:
      l.append(i)

a=sum(l)

if a==digit:
   print("It's a perfect number")
else:
   print("It's not a perfect number")
```