

```
def pangram(str1):  
    for i in str1:  
        if i in "abcdefghijklmnopqrstuvwxyz":  
            return True
```

```
str1="The quick brown fox jumps over the lazy dog"
```

```
pangram(str1)
```

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def pangram(str1):  
    for i in str1:  
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str1="The quick brown fox jumps over the lazy dog"  
pangram(str1)
```

True

```
num = int(input("enter a number :"))
```

```
total = 0
```

```
while num>0:
```

```
    rem = num%10
```

```
    total+=rem
```

```
    num=num//10
```

```
print(total)
```

```
enter a number : 123456789  
45
```

```
a = int(input("enter a number"))
b = int(input("enter a number"))
c = int(input("enter a number "))
```

```
ls1 = sorted(list([a,b,c]))
print(ls1)
```

```
enter a number 30
enter a number 80
enter a number 50
[30, 50, 80]
```

```
def perfect_num(n):
    totall = 0

    for i in range(1, n // 2 + 1):
        if n % i == 0:
            totall += i

    if totall == n:
        print(f"{n} is a perfect number")
    else:
        print(f"{n} is not a perfect number")
```

```
perfect_num(6)
perfect_num(28)
perfect_num(12)
```

6 is a perfect number

28 is a perfect number

12 is not a perfect number
