

## **BREAK AND CONTINUE ASSIGNMENT**

#WAP to check weather the string is having only lower case alphabets or not ,

#if it is having lower case alphabets print true else print false.

```
string=input("Enter the string: ")
```

```
for char in string:
```

```
    if not char.islower():
```

```
        print("false")
```

```
        break
```

```
else:
```

```
    print("true")
```

#WAP to print initial index of a specified character in a given string.

```
string=" Microsoft-Teams "
```

```
char=input("enter the char: ")
```

```
for i in range(len(string)):
```

```
    if char == string[i]:
```

```
        print("The initial index of the specified character is:", i)
```

```
        break
```

```
else:
```

```
    print("Character not found in the string.")
```

#WAP to print all palindrome numbers between range 1 to 100.

```
for num in range(0,100):
```

```
    if str(num)== str(num)[::-1]:
```

```
        print("The palindrome numbers are", num)
```

#WAP to extract all the complex numbers from the given set collection.

```
set1 = {1, 2.5, 3+4j, 'hello', 5-6j, (1, 2), 7}
complex_numbers = []
for element in set1:
    if isinstance(element, complex):
        complex_numbers.append(element)
    else:
        continue

print("The complex numbers in the set are:", complex_numbers)
```

#WAP to get the following output

```
#input = 'programs on list collection are funny'
#output = ['era', 'ynnuf']
```

```
input_string = 'programs on list collection are funny'
words = input_string.split()
output = []
for word in words:
    if len(word)!=3 and len(word)!=5:
        continue
    output.append(word[::-1])

print(output)
```