

Jump Statements – Break And Continue

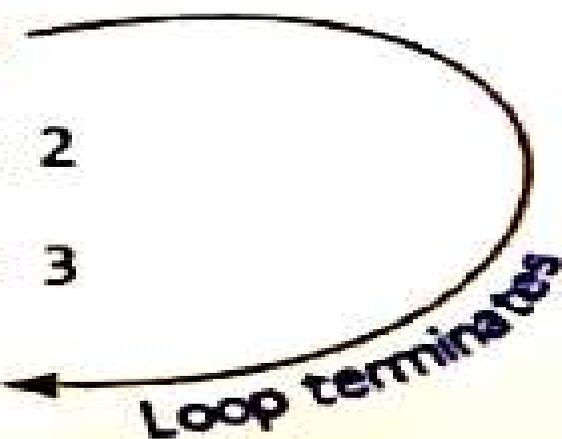
- ❖ *Python to jump statement break and continue to be used within loops to jump out of loop intrusion*
- ❖ ***A break statement***
- ❖ *Break statement resumes at the statement immediately following the body of the terminated statement*

NOTE : A break statement skips the rest of the loop statement following the loop.

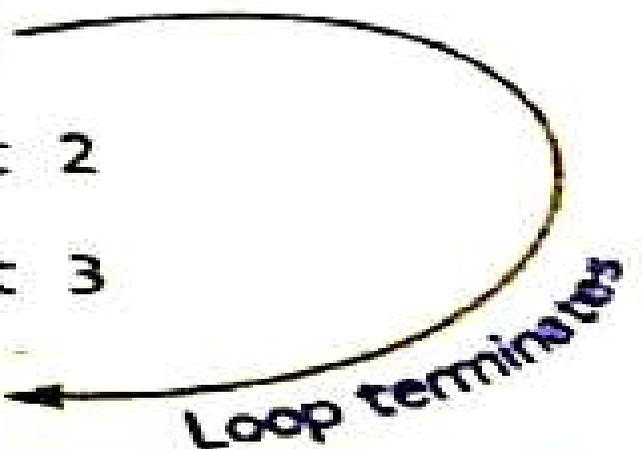
Jump Statements – Break And Continue

- ❖ *The following figure, Explain the working of a break statement The following code fragment gives you an example of a break statement*

```
while <test-condition> :  
    statement 1  
    if <condition> :  
        break  
    statement 2  
    statement 3  
statement 4
```



```
for <var> in <sequence> :  
    statement 1  
    if <condition> :  
        break  
    statement 2  
    statement 3  
statement 4
```



037 THE BREAK STATEMENT

```
a=b=c=0
for i in range(1, 11):
    a=int(input("Enter Number 1 : "))
    b=int(input("Enter Number 2 : "))
    if b==0:
        print("Division by Zero error ! Aborting !")
        break
    else:
        c=a/b
        print("Quotient = ", c)
print("Program Over !")
```

Jump Statements – Break And Continue

- ❖ *The continue statement*
- ❖ *Unlike brake statement, the continue statement forces next traction of the loop to take place, skipping any code in between.*
- ❖ *The following finger, explain the working of continue statement:*

NOTE : The continue statement skips the rest of the loop statements and causes the next iteration

038 THE CONTINUE STATEMENT

```
for val in range(101, 110):  
  
    if val==105:  
        continue  
    print(val)
```



Jump Statements – Break And Continue

```
while <test-condition> :
```

```
    statement 1
```

```
    if <condition> :
```

```
        continue
```

```
    statement 2
```

```
    statement 3
```

```
    statement 4
```

*rest of the statements
in the current iteration
are skipped and next
iteration begin*

```
for <var> in <sequence> :
```

```
    statement 1
```

```
    if <condition> :
```

```
        continue
```

```
    statement 2
```

```
    statement 3
```

```
    statement 4
```

In above loops, **continue** will cause skipping of statements 2 & 3 in the current iteration and next iteration will start

PYTHON TEST – 1.12

JUMP STATEMENTS

