

Ans :-

The continue statement can appear only in loops. You will get an error if this appears in switch statement. When a break statement is encountered. It terminates the block & gets the control out of the switch or loop. When a continue statement is encountered, it gets the control to the next iteration of the loop.

Program to check no is prime or not.

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

```
if num > 1:
```

```
    for i in range(2, num):
```

```
        if (num % i) == 0:
```

```
            print(num, "is not a prime number")
```

```
            print(i, "times", num // i, "is", num)
```

```
            break
```

```
        else:
```

```
            print(num, "is a prime number")
```

```
    else:
```

```
        print(num, "is not a prime number")
```

Python is strongly typed as the interpreter keeps track of all variable types. It is also very dynamic as it rarely uses what it knows to limit variable usage. In python it's the programmer's responsibility to use built-in functions like `instance()` or `isinstance()` to test variable types & correct usage.