

Python if Statement

[]: An **if** statement executes a block of code only when the specified condition is true. It is a conditional statement.

Syntax

```
if condition:
    # body of if statement
```

Here, condition **is** a boolean expression, such as `number > 5`, `number < 5`, etc.

If condition evaluates to **True**, the body of the **if** statement is executed.
If condition evaluates to **False**, the body of the **if** statement is not executed.

```
[2]: if True: #indentation is always 4 spaces
      print('Data Science')
```

Data Science

```
[3]: if False:
      print('Data Science')
      print('bye for now')
```

bye for now

```
[4]: if True: # indentation is always 4 spaces
      print('Data Science')
      print('bye for now')
```

Data Science
bye for now

```
[5]: #to print only even number
```

```
x = 14
r = x % 2

if r == 0:
    print('Even number')

if r == 1:
    print('Odd Number')
```