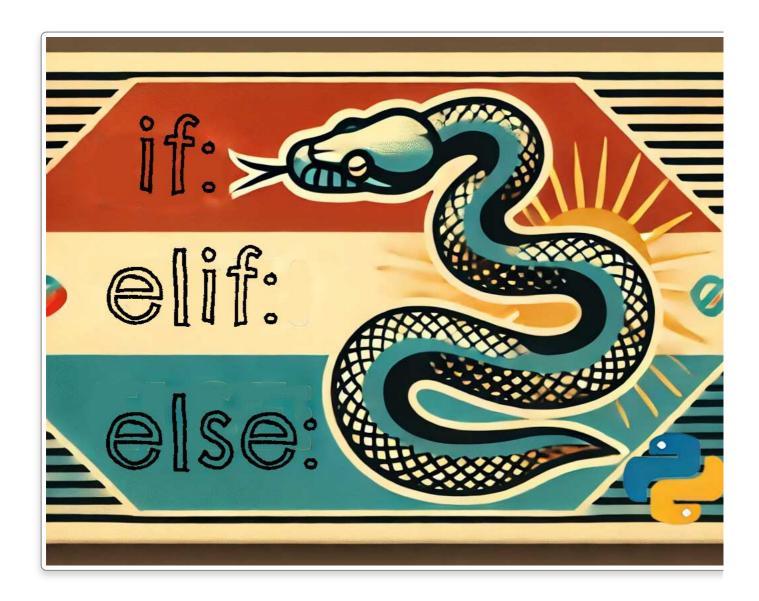
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Quick Notes on if, elif, and else in Python

## For Busy People:

- if: Checks a condition. If true, runs the code block.
- elif: Checks another condition if the previous ones were false. Runs the code block if true.
- else: Runs the code block if all previous conditions were false.

Here is the table with properly formatted code examples:

Quick Notes on if, elif, and else in Python

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- if: Checks a condition. If true, runs the code block.
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# Some ifelifelse examples

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#### Code Examples

#### Code Examples

```
user_input = "Yes"
if user_input.lower() == "yes":
    print("User said yes")
else:
    print("User did not say yes")
```

```
fruit = "apple"
fruits = ["apple", "banana", "cherry"]
if fruit in fruits:
    print(f"{fruit} is in the list")
else:
    print(f"{fruit} is not in the list")
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```

```
num = 10
if num % 2 == 0:
    print("Even")
else:
    print("Odd")
```

```
value = "100"
if isinstance(value, str):
    print("Value is a string")
else:
    print("Value is not a string")
```

```
n = None
if n is None:
    print("n is None")
else:
    print("n is not None")
```

```
permissions = ['read', 'write']
if 'admin' in permissions:
    print("Has admin access")
elif 'write' in permissions:
    print("Has write access")
else:
    print("Has read-only access")
```

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#### Code Examples

#### Code Examples

```
config = {"debug": True}
if config.get("debug"):
    print("Debugging mode
is on")
else:
    print("Debugging mode
is off")
```

```
color = "red"
if color == "blue":
    print("Color is blue")
elif color == "red":
    print("Color is red")
else:
    print("Color is neither blue nor red")
```

```
x = 3
y = "3"
if x == int(y):
    print("Equal values")
else:
    print("Different
values")
```

```
temperature = 35
if temperature > 30:
    print("It's hot")
elif 20 <= temperature <="<span" style="color:
#b5cea8;">30:
    print("It's warm")
else:
    print("It's cold")
```