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FUTURE VISION

UNDERSTANDING PYTHON CONDITIONALS

IF, ELIF, ELSE

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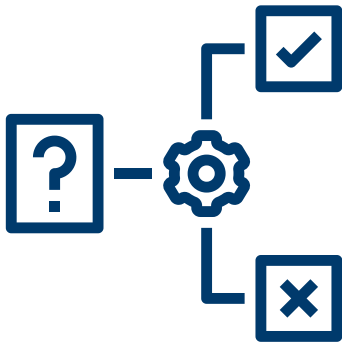
WHAT ARE CONDITIONALS?



CONDITIONALS ALLOW YOUR PROGRAM TO MAKE DECISIONS BASED ON CERTAIN CONDITIONS. THEY HELP CONTROL THE FLOW OF THE PROGRAM!

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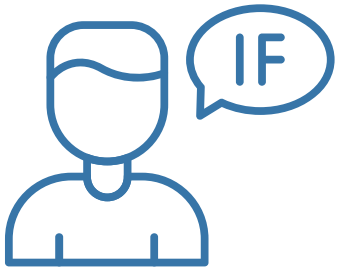
THE IF STATEMENT

THE IF STATEMENT CHECKS A CONDITION. IF IT'S TRUE, THE CODE BLOCK UNDER IT EXECUTES.




```
age = 18
if age >= 18:
    print("You are an adult.")
```

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THE ELSE STATEMENT

THE ELSE STATEMENT RUNS WHEN THE IF CONDITION IS FALSE.

```
age = 16
if age >= 18:
    print("You are an adult.")
else:
    print("You are a minor.")
```

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THE ALIF STATEMENT

USE ELIF TO CHECK MULTIPLE CONDITIONS. IT'S SHORT FOR "ELSE IF".

```
score = 85
if score >= 90:
    print("Grade: A")
elif score >= 80:
    print("Grade: B")
else:
    print("Grade: C")
```

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REAL-WORLD EXAMPLE

IMAGINE A WEATHER APP!

```
temperature = 75
if temperature > 85:
    print("It's hot outside!")
elif temperature > 65:
    print("It's warm outside!")
else:
    print("It's chilly outside!")
```

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CONCLUSION

CONDITIONALS ARE POWERFUL TOOLS FOR CONTROLLING PROGRAM LOGIC. USE THEM TO CREATE DYNAMIC AND RESPONSIVE APPLICATIONS!

💻 READY TO CODE? JOIN OUR PYTHON PROGRAMMING COURSE NOW !!!

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