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A company with a focus on education,
wellbeing and renewable energy.

Python Primer 102b

Asking questions with IF and ELSE

Dua of the day

The righteous dua that Abu Bakr (r) made at the end of his lifetime.

اللَّهُمَّ اجْعَلْ خَيْرَ زَمَانِي آخِرَهُ، وَخَيْرَ عَمَلِي خَوَاتِمَهُ، وَخَيْرَ أَيَّامِي يَوْمَ الْقَاكَ

“O Allah, let the best of my lifetime be its ending, and my best deed be that which I seal [my life with], and the best of my days the day I meet You.”

Reference: The Dua is taken from Sheikh Omer Sulaiman Dua Compilation.

Study, Rinse and Repeat

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Conditions in Python

A condition is a programming statement that compares things and tells us whether the criteria set by the comparison are either True (yes) or False (no).

For example, `age > 10` is a condition, and is another way of saying, “Is the value of the age variable greater than 10?” This is also a condition: `hair_color == 'black'`, which is another way of saying, “Is the value of the hair_color variable black?”

We use symbols in Python (called operators) to create our conditions, such as equal to, greater than, and less than.

Conditions in Python

Symbol	Definition
==	Equal to
!=	Not equal to
>	Greater than
<	Less than
>=	Greater than or equal to
<=	Less than or equal to

Be sure to use a double equal sign (==) when defining an equal-to condition.

Greater than

```
age=10
if age > 10:
    print ('you are too old for my jokes!')
```

```
age=20
if age > 10:
    print ('you are too old for my jokes!')
```

you are too old for my jokes!

Equals to

```
age=10  
if age == 10:  
    print ('you are too old for my jokes!')
```

you are too old for my jokes!

Try now all the conditions

Symbol	Definition
<code>==</code>	Equal to
<code>!=</code>	Not equal to
<code>></code>	Greater than
<code><</code>	Less than
<code>>=</code>	Greater than or equal to
<code><=</code>	Less than or equal to

Else statement example

```
print("Want to hear a dirty joke?")
```

```
age = 12
```

```
if age == 12:
```

```
    print("A pig fell in the mud!")
```

```
else:
```

```
    print("Shh. It's a secret.")
```

Else statement another example

```
print("Want to hear a dirty joke?")
```

```
age = 10
```

```
if age == 12:
```

```
    print("A pig fell in the mud!")
```

```
else:
```

```
    print("Shh. It's a secret.")
```

جزاك الله

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