

Full stack web development using python

JavaScript Control Instruction-1



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Agenda

- ① Control Instruction
- ② Decision Control
- ③ break

Control Instruction

- ① Decision Control
- ② Iterative Control

Decision Control

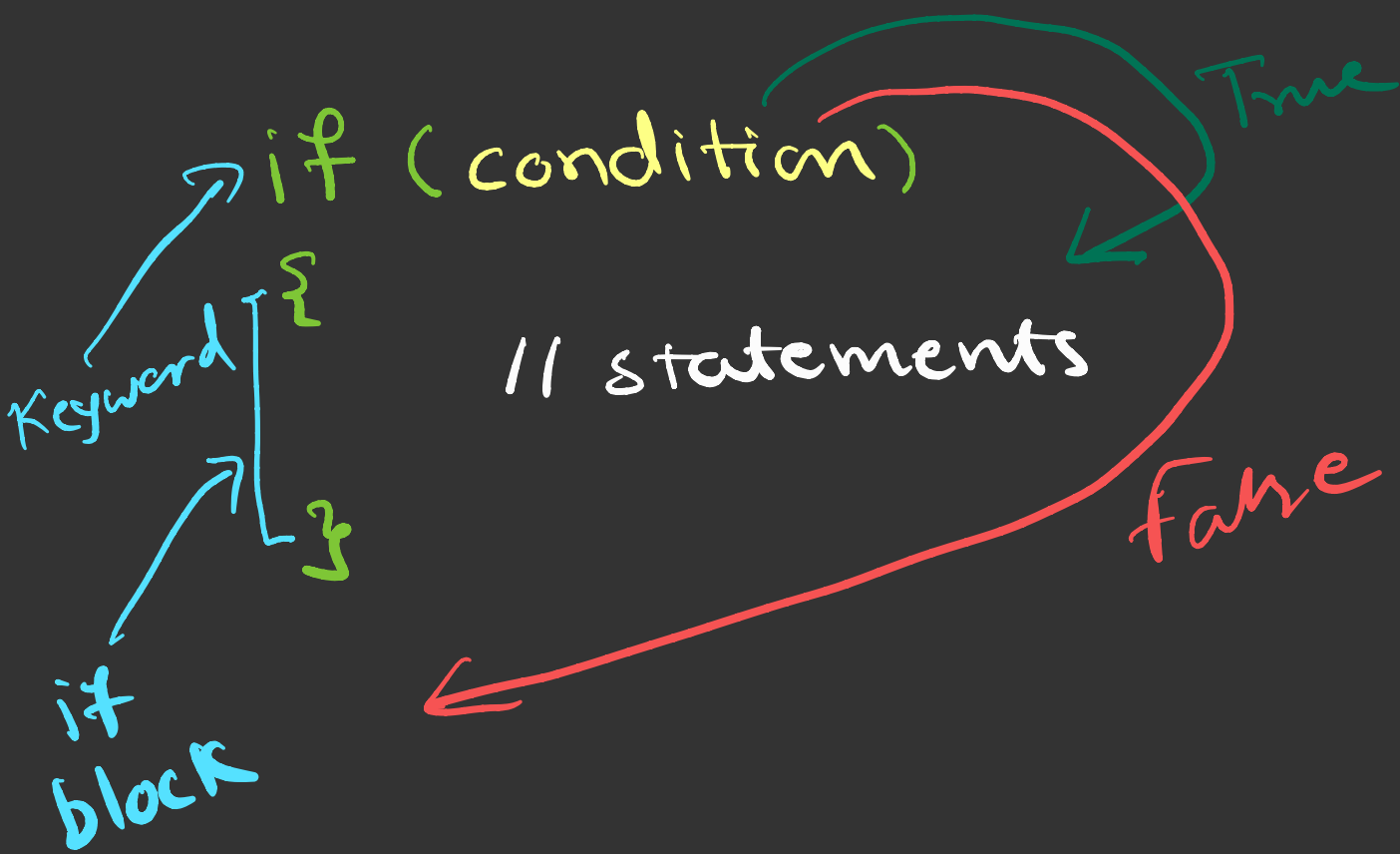
if

if else

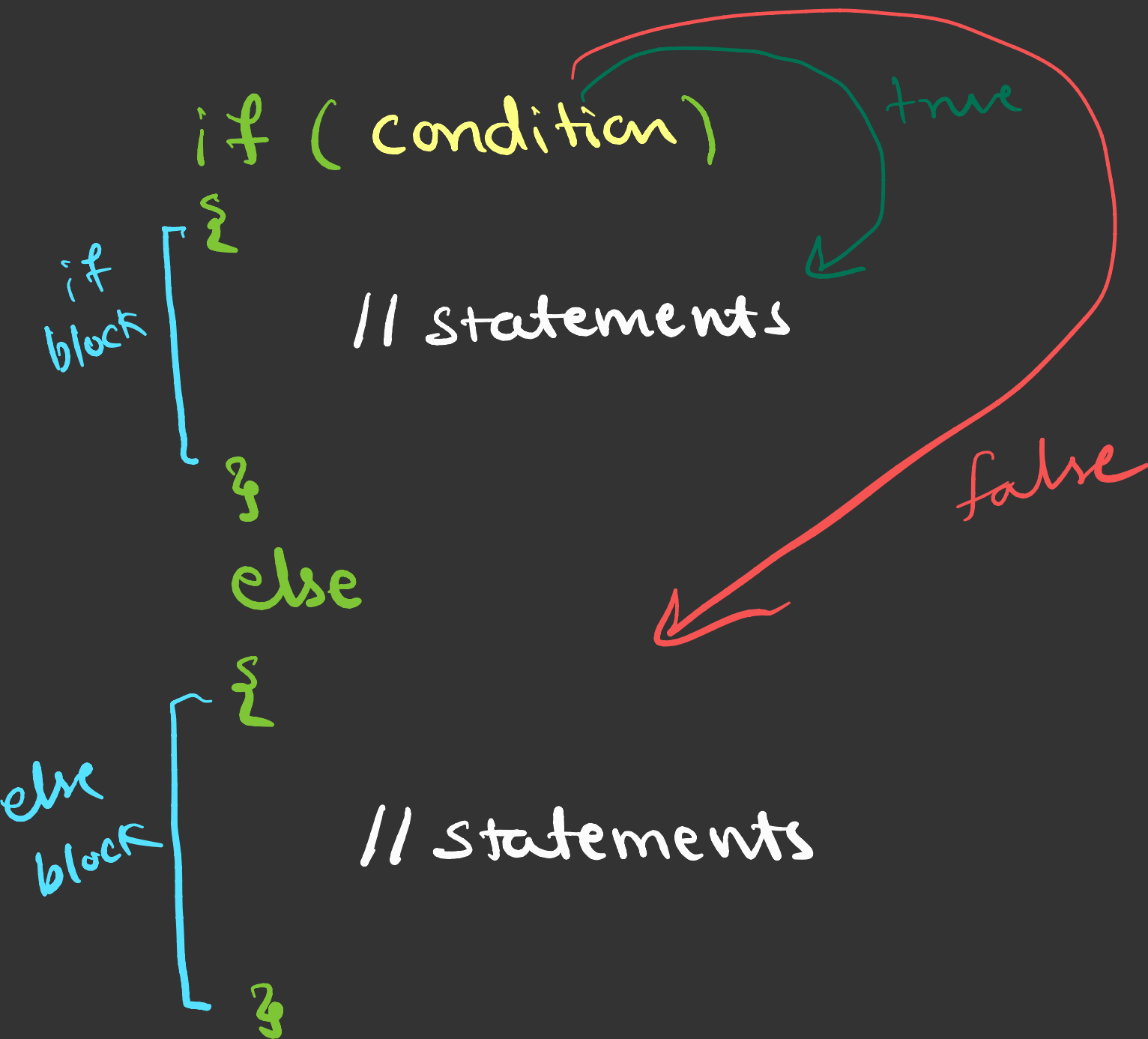
if else if

?:

switch



Non-zero \rightarrow true
zero \rightarrow false



```
if (condition)
{
  //
  //

```

Nesting

```

{
  else
  {

```

```
    if (....)
    {

```

```
      else
      {

```

```
        {

```

```
          if (....)
          {

```

```
            else
            {

```

```
              }
            }
          }
        }
      }
    }
  }
}
```

```

}

```

if (condition)
statements

else if (condition)
statements

else if (condition)
statements

...

else
statements

if - else ladder

if (condition)
{
 =

else if (...)

else if (...)

else

Conditional Operators

? :

condition? expression1 : expression2

true

false

$z = x > y ? x : y$

true \rightarrow $z = x$

false \rightarrow $z = y$

Every non-zero value is true, 0 is false.

switch (expression)

{

case value1:
statements

case value2:
statements

case value3:
statements

...
default:
statements

}

break

The break statement terminates the current loop or switch statement and transfers program control to the statement following the terminated statement