7-Flow Control in Python

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1 The conditional if statement

```
[1]: number = 10

     if number > 0:
         print(number, "is positive")

     print("====================")

     if number < 0:
         print(number, "is negative")
     print("====================")
```

```
10 is positive
====================
====================
```

2 conditional if ... else

```
[2]: number = 10

     if number > 0:
         print(number, "is positive")
     else:
         print(number, "is negative or zero")


     print("====================")

     if number < 0:
         print(number, "is negative")
     else:
         print(number, "is positive or zero")

     print("====================")
```

```
10 is positive
====================
```

```
10 is positive or zero
====================
```

3 conditional if-elif-else

```python
[3]: number = 0

     if number > 0:
         print(number, "is positive")
     elif number == 0:
         print(number, "is zero")
     else:
         print(number, "is negative")
```

```
0 is zero
```

4 Nested if

```python
[5]: number = float(input("Put your number here"))

     if number >= 0 :
         if number == 0:
             print("number is Zero")
         else:
             print("number is positive")
     else:
         print("number is negative")
```

```
Put your number here-2
number is negative
```

```
[ ]:
```