Functions, variables, and conditions

Checking conditions

```
In  def check_if_recent(year):
        if year < 2008:
            print("Old film.")
        else:
            print("New film.")
```

Checking if an element is in a list

```
In  if "crime" in genres:
        ...
```

Creating functions with an argument and a returnable value

```
In  def dollars_to_euro(dollars):
        euro = dollars * euro_per_dollar
        return euro
```

Combining and modifying conditions

```
In  # condition must NOT be met
    if not year > 2007:
        ...
```

```
In  # one condition AND THE OTHER ONE
    # must be met
    if year > 2000 and "history" in genres:
        ...
```

```
In  # one OR THE OTHER condition
    # must be met
    if "sci-fi" in genres or
       "fantasy" in genres:
        ...
```

Creating constants

```
In  EURO_PER_DOLLAR = 0.90
```

Glossary

Function body
Code that is executed after a function call.

To store the result in a variable, the function needs to have a **return value**

Conditional statement
A construction for checking conditions in program code

Global variable
A variable that is available anywhere in the program after it is created

Local variable
A variable that is created inside a function and only available there

Constant
A global variable written in capital letters (as per the convention for naming global variables)