

## **Booleans & Conditionals Exercises**

1. Create a variable named `is_sunny` and assign it the boolean value `True`. Then, print the value of `is_sunny`.
2. Define a variable `age` with an integer value. Write an if-else statement that prints `"Adult"` if `age` is 18 or more, and `"Minor"` if it is less than 18.
3. Assign two integer variables, `x` and `y`. Write a conditional that prints `"x is greater"` if `x > y`, `"y is greater"` if `y > x`, and `"Equal"` if they are the same.
4. Create two boolean variables, `has_ticket` and `is_vip`. Write a conditional that prints `"Access granted"` if either `has_ticket` is `True` or `is_vip` is `True`.
5. Define a variable `temperature` with an integer value. Write an if-elif-else block that prints `"It's hot"` if `temperature` is above 30, `"It's cold"` if `temperature` is below 15, and `"The weather is moderate"` otherwise.