Variables

- A VARIABLE associates a name with a value
- Makes it easy to remember and use later in the program
- Naming rules:
  - Reserved words can't be used as variable names, e.g. **if**, **def**, **import**
  - Begins with letter or _
  - Can contain any number of letters, digits, or _
  - Case sensitive: **WEIGHT** is different from **weight**
  - Use camel casing, e.g. **interestRate**
- Use all uppercase letters for **symbolic constants**, e.g. **TAX_RATES** and **STANDARD_DEDUCTION**
- Variables receive initial values (**initialisation**) and can be reset to new values with **assignment**:\
  - Subsequent uses of the variable name in expressions are known as **variable references**