# A data type tells what kind of value a variable holds, like a number, text, decimal

# Types of data:

1. interger int - Whole numbers without decimals

2. Float  float - Numbers **with** decimals

3. string  str - Text or characters inside quotes

4. boolean bool - True or False values — like yes/no, on/off

student\_name = "atharva"

age =  18

marks = 70.56

grade = "b"

passed = True

#how to know the type of data store

print(type(student\_name))

print(type(age))

print(type(marks))

print(type(grade))

print(type(passed))

# Casting in Python means converting a value from one data type to another:

a = int(2.4)

b = float(45)

print(a)

print(b)