Polymorphism in python lets you use the same function name for different types of objects.

* This means one function or method can act in many forms.
* It makes your code flexible and easy to manage.
* It helps you write code that can work with various objects.
* You do not need to know their exact type.
* This saves time.
* It also makes your programs more adaptable.

3 Ways to use polymorphism in python

* You can use polymorphism in python in a few ways:

With Built-in Functions: Python’s own functions often use polymorphism.

* With Class Methods: Different classes can have methods that share the same name.
* With Inheritance (Method Overriding): Child classes can change methods they get from their parent classes.

Polymorphism with Built-in Functions

#Use len() with a string

my string = “hello”

print(len(my string))

# use len() with a list

my list=[1,2,3,4]

print(len(my\_list))

#use len() with a dictionary

my dict={“a”:1,”b”:2}

print(len(my\_dict))