a **list** is a collection of items (called elements) that is **ordered**, **mutable** (can be changed), and allows **duplicate values**. Lists are defined using square brackets [].

**Example**-

# A list of numbers

numbers = [1, 2, 3, 4, 5]

# A list of strings

fruits = ["apple", "banana", "cherry"]

# A mixed list (numbers, strings, and boolean)

mixed\_list = [10, "Python", True]

print(numbers) # Output: [1, 2, 3, 4, 5]

print(fruits) # Output: ['apple', 'banana', 'cherry']

print(mixed\_list) # Output: [10, 'Python', True]

A screen shot of a computer

Description automatically generated