1. ['c', 'i', 't', 'c', 's']
2. [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
3. numbers = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]

even\_numbers = [number for number in numbers if number % 2 == 0]

print("Even numbers:", even\_numbers)

1. numbers = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]

odd\_numbers = [number for number in numbers if number % 2 != 0]

print("Odd numbers:", odd\_numbers)