Lists Exericise: What is the output for numbers 1 and 2, and what is the codes for numbers 3 and 4?

1. [i for i in "citcs"]

2. [i for i in range(1, 11)]

3. [2, 4, 6, 8, 10]

4. [1, 3, 5, 7, 9]

Answers:

Output for Number 1: The output will be a list of characters ['c', 'i', 't', 'c', 's'].

Output for Number 2: The output will be a list of numbers [1, 2, 3, 4, 5, 6, 7, 8, 9, 10].

Code for Number 3: The code to produce the list [2, 4, 6, 8, 10] is:

code_3 = [i*2 for i in range(1, 6)]
print("Code for Number 3 produces:", code_3)

Code for Number 4: The code to produce the list [1, 3, 5, 7, 9] is:

code_4 = [i*2-1 for i in range(1, 6)]
print("Code for Number 4 produces:", code_4)