```csharp
 1  /*
 2   * CSE212
 3   * (c) BYU-Idaho
 4   * 03-Teach - Problem 1
 5   *
 6   * It is a violation of BYU-Idaho Honor Code to post or share this code with others or
 7   * to post it online.  Storage into a personal and private repository (e.g. private
 8   * GitHub repository, unshared Google Drive folder) is acceptable.
 9   *
10   */
11  Console.WriteLine("\n=====================\nSimple Stack\n=====================");
12  var stack = new Stack<int>();
13  stack.Push(1);
14  stack.Push(2);
15  stack.Push(3);
16  stack.Pop();
17  stack.Pop();
18  stack.Push(4);
19  stack.Push(5);
20  stack.Pop();
21  stack.Push(6);
22  stack.Push(7);
23  stack.Push(8);
24  stack.Push(9);
25  stack.Pop();
26  stack.Pop();
27  stack.Push(10);
28  stack.Pop();
29  stack.Pop();
30  stack.Pop();
31  stack.Push(11);
32  stack.Push(12);
33  stack.Pop();
34  stack.Pop();
35  stack.Pop();
36  stack.Push(13);
37  stack.Push(14);
38  stack.Push(15);
39  stack.Push(16);
40  stack.Pop();
41  stack.Pop();
42  stack.Pop();
43  stack.Push(17);
44  stack.Push(18);
45  stack.Pop();
46  stack.Push(19);
47  stack.Push(20);
48  stack.Pop();
49  stack.Pop();
50  // Can you predict what what the stack will be?;
51  Console.WriteLine($"[stack]{{{string.Join(", ", stack)}}}");
52
```