

CS3353: Data Structures and Algorithm Analysis I
Fall 2022

Review Quiz #6

- Name only: _____
- Release date: Oct 10, 2022 (Monday)
- Total 5 pts

I. Draw the state of run-time stack when the base case is reached.

[5 pts]

```
1. #include <iostream>
2. using namespace std;

3. int summation(int n) {
4.     if (n<2) {
5.         return n;
6.     } else {
7.         return summation(n-1) + n;
8.     }
9. }

10. int main() {
11.     cout << summation(3) << endl;
12.     return 0;
13. }
```