CS3353: Data Structures and Algorithm Analysis I
Fall 2022

Review Quiz #3

- Name only: _____
- Release date: Sep 12, 2022 (Monday)
- Total 5 pts

1. Explain the meaning of the expression, f(n) is O(1).

[2 pts]

2. Analyze the running time and find the computational complexity (Big-O will do) of the following code. Show all your work.

[3 pts]

```
for (cnt2 = 0, i = 1; i <= n; i ++)
    for (j = 1; j <= i; j ++)
        cnt2 ++;
```