Nore: Aditya Roll: 13000118134 Assignment-12

CJE-B

Pine - Complexity:

From the Code, it Con be seen that, All it and else if takes O(1) time.

In the lost else: A

1) A while loop rus for: n-7 time

(2) A for loop runs for 3 dives do append "1000"

Best Case: 0(1)

1 Morsf Cose: 17(11) = (0) 0 (n-7) + 0 (3) + C.

Average Cose: O(n)