# CS-UY-1134 Fall 2022 Homework #2 Q1 and Q2

#### Kundyz Muktar

TOTAL POINTS

#### 9 / 10

**QUESTION 1** 

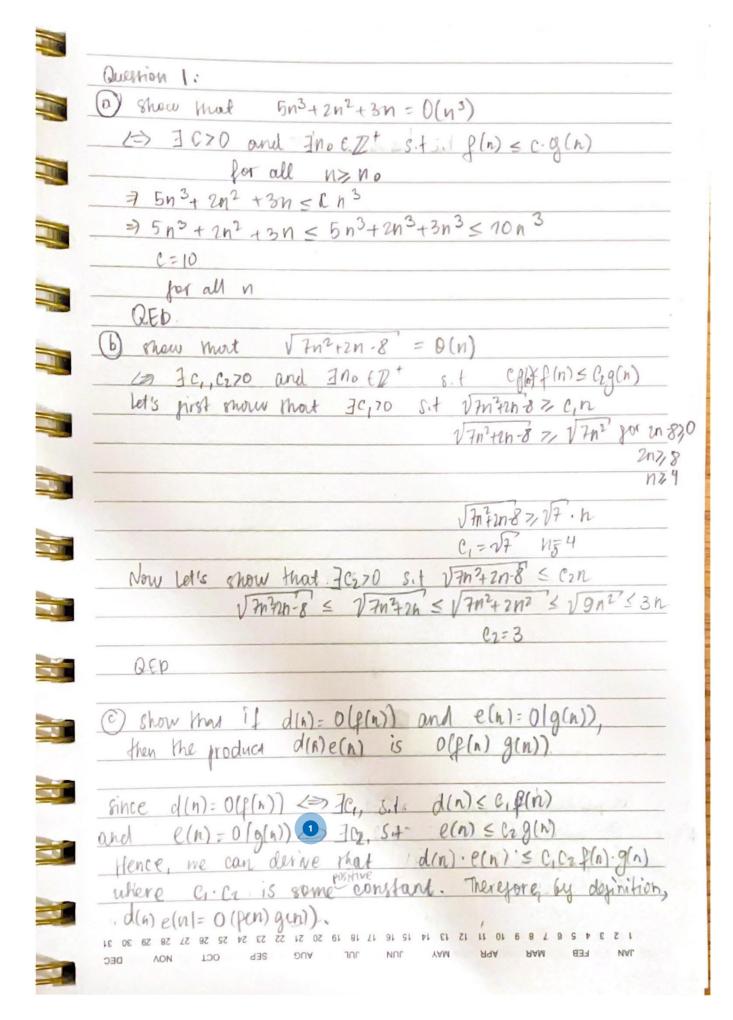
### 1 Question 1 4 / 5

- $\checkmark$  2 pts Part C: Not a fully correct proof using definition of big O (finding values for c and n0). One example case does not constitute a proof./ incorrect
- + 1 Point adjustment
  - Part C adjustment
- 1 n value should be the max of the two n values derived from the individual coeffecients

**QUESTION 2** 

### 2 Question 2 5 / 5

**√ - 0 pts** *Did not give explanations* 



### 1 Question 1 4 / 5

- $\checkmark$  2 pts Part C: Not a fully correct proof using definition of big O (finding values for c and n0). One example case does not constitute a proof./ incorrect
- + 1 Point adjustment
  - Part C adjustment
- 1 n value should be the max of the two n values derived from the individual coeffecients

	Question 2:
	60 1: B(n2)
	Ex 2: 0(n)
	Ex T; A(V)
	Ex 3: 0 (log n)
	Ex 4: 0(n)
-	
10	
T B	

## 2 Question 2 5 / 5

√ - 0 pts Did not give explanations