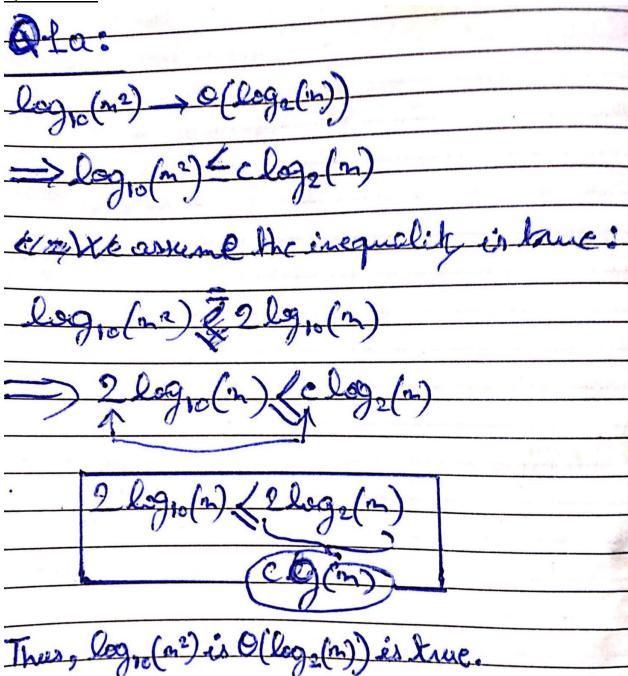
Alae Boufarrachene (300188539)

Question 1:



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016:	
W Los	
n(10n2 2 Va) > n3	
h (10m - LV-h)	· (12 12) 1 67 1
1028-22 > 25	2) of is more willing
	(1dla 3) 12 + m
9n3>2 3/2	of sidning.
1n = 1n	2060 01 20 1 10x1
11/2 1/2 1/2	
E(n3) : 10011((1)	
C 1 6 7 . 1 .	1 1 9 5/2
So because In is obmous	le la goe Than La
So, because In is obvious. Thus, the function is of	(n ⁵)
A	2 moderation
0 1	2
gan to	1
	And the second s
1023-223/2-23	1319 Characto Mily A
925-242/5	it was all in the property and
245 - 9 25	
2	A SA
2 3/2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
Start 5	
11 92	

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Oic:	
For the higher bound	: et has to be f(m) > eg(m)
(m) is (-) 2 is a serie	Mccandition en Date to 100 refile
(msin(n))2 >0	: et las to be f(m) > cg(m) the condition ess't raking éed because edic function that tends to 100 autil
C2>0 values of co Vono such that no of Thus it's false.	
4	

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Question 2:

Q2a:

```
boolean oneEdit(String s1, String s2) {

// precondition s1.length() == s2.length()

boolean foundDifference=false;

n = s1.length();

for (i=0; i< n; i++) {

    if (s1.charAt(i) != s2.charAt(i)) {

        if (foundDifference) {

            return false;

        }

        foundDifference=true;

    }

    return true;

}

Perture true;

Column true;

Perture true;

Perture
```

```
boolean oneEdit(String s1, String s2) {

// precondition s1.length() == s2.length()

boolean foundDifference=false; O(1)

n = s1.length(); O(1)

for (i=0; i< n; i++) {O(n)

    if (s1.charAt(i) != s2.charAt(i)) {O(1)

        if (foundDifference) {O(1)

            return false; O(1)

        }

    foundDifference=true;

}

return true;

}

**The content of the c
```

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(09	b:
one	Edit(st, s2):
	Joun Difference & Jalse
	nest length()
	countet 0
	Sorlito to modo:
	if (si chardt(i) \$ 52. chardt(i)) then: counter & counter + 1
	counter & counter + 1
	il (countre) 100):
	if (counter) 100): returnfalse
	neturntine