

UNIVERSIDAD NACIONAL DE SAN AGUSTÍN DE AREQUIPA

FACULTAD DE PRODUCCION Y SERVICIOS

ESCUELA PROFESIONAL DE INGENIERÍA DE SISTEMAS



Curso: Laboratorio Análisis y Diseño de Algoritmos

Evidencias Ejercicios 11

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Grupo - “B”

Arequipa - Perú

Group Anagrams

The screenshot shows a web browser with the LeetCode website. The address bar shows the URL `leetcode.com/problems/group-anagrams/submissions/`. The page has tabs for 'Description', 'Solution', 'Discuss (999+)', and 'Submissions'. The 'Submissions' tab is active, showing a table with submission details and a code editor.

Time Submitted	Status	Runtime	Memory	Language
12/20/2021 19:54	Accepted	80 ms	17.2 MB	python

```
1 class Solution(object):
2     def groupAnagrams(self, strs):
3
4         diccionarioWord = {} # diccionario
5         for i in strs:
6             sortWord = ''.join(sorted(i))
7             if sortWord not in diccionarioWord: # si no estan en el diccionario
8                 diccionarioWord[sortWord] = [i] # creamos la variable
9             else:
10                diccionarioWord[sortWord].append(i) # si la existe la variable apegamos elementos
11
12         listadeLista = []
13         for i in diccionarioWord.values():
14             listadeLista.append(i)
15
16         return listadeLista
17
18
```

Finding Borders

The screenshot shows a web browser with the CSES website. The address bar shows the URL `cses.fi/problemset/result/3273129/`. The page has a header with the CSES logo and the user name 'DarwinJNeira'. The main content area shows the problem title 'Finding Borders' and a table of submission details.

Submission details

Task:	Finding Borders
Sender:	DarwinJNeira
Submission time:	2021-12-23 05:10:45
Language:	C++11
Status:	READY
Result:	ACCEPTED

Test results

test	verdict	time	
#1	ACCEPTED	0.01 s	»
#2	ACCEPTED	0.01 s	»
#3	ACCEPTED	0.01 s	»
#4	ACCEPTED	0.01 s	»
#5	ACCEPTED	0.01 s	»

String Algorithms

- Word Combinations
- String Matching
- Finding Borders
- Finding Periods
- Minimal Rotation
- Longest Palindrome
- Required Substring
- Palindrome Queries

Your submissions

2021-12-23 05:10:45	✓
2021-12-22 20:42:43	✗
2021-12-21 04:35:47	✗
2021-12-21 04:30:09	✗