

Ciencia de Datos en Python.
Liza Guzmán.

Tarea 4, Preparatoria

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Ejercicio #1:

The screenshot shows the HackerRank interface for the 'Python If-Else' challenge. The user 'lizma_407' is logged in. The challenge title 'Python If-Else' is displayed with a star icon. The user's rank is 265194 and their score is 170/220. A progress bar indicates they are 50 points away from the next star. The 'Submissions' tab is active, showing a table with one submission: 'Accepted' with a score of 10.0, using Python 2, submitted 4 days ago. A 'View Results' link is next to the submission. On the right, there are links for 'View tutorial', 'View discussions', 'View editorial', and 'View top submissions'.

HackerRank PRACTICE CERTIFICATION COMPETE JOBS LEADERBOARD

Practice > Python > Introduction > Python If-Else > Submissions

Python If-Else ★

50 more points to get your next star!
Rank: 265194 | Points: 170/220

Problem	Submissions	Leaderboard	Discussions	Editorial	Tutorial
RESULT	SCORE	LANGUAGE	TIME		
Accepted	10.0	Python 2	4 days ago	View Results	

< 1 >

NEED HELP?
[View tutorial](#)
[View discussions](#)
[View editorial](#)
[View top submissions](#)

<https://www.hackerrank.com/challenges/py-if-else/submissions/code/202714481>

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Ejercicio #2:

The screenshot shows the HackerRank interface for the 'Arithmetic Operators' challenge. The top navigation bar includes links for PRACTICE, CERTIFICATION, COMPETE, JOBS, and LEADERBOARD. The user 'lizma_407' is logged in. The challenge title 'Arithmetic Operators' is displayed with a star icon. A progress bar indicates '50 more points to get your next star!' with a rank of 265194 and 170/220 points. The 'Submissions' tab is active, showing a table with one submission: 'Accepted' with a score of 10.0, using Python 2, submitted 4 days ago. A 'View Results' link is available for this submission. The page also includes a 'NEED HELP?' section with links to the tutorial, discussions, editorial, and top submissions.

HackerRank PRACTICE CERTIFICATION COMPETE JOBS LEADERBOARD

Practice > Python > Introduction > Arithmetic Operators > Submissions

Arithmetic Operators ★

50 more points to get your next star!
Rank: 265194 | Points: 170/220

Problem Submissions Leaderboard Discussions Editorial Tutorial

RESULT	SCORE	LANGUAGE	TIME	
Accepted	10.0	Python 2	4 days ago	View Results

< 1 >

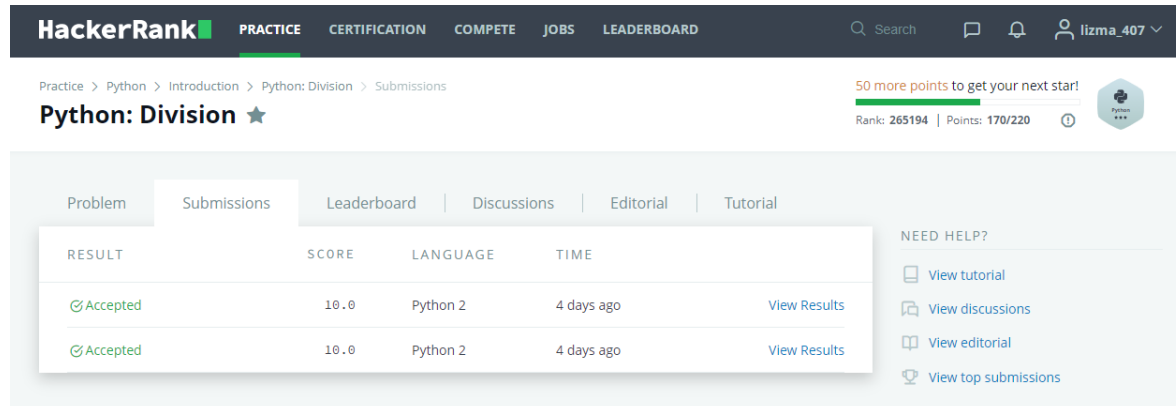
NEED HELP?

- [View tutorial](#)
- [View discussions](#)
- [View editorial](#)
- [View top submissions](#)

<https://www.hackerrank.com/challenges/python-arithmetic-operators/submissions/code/202716042>

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Ejercicio #3:



The screenshot shows the HackerRank interface for the 'Python: Division' challenge. The top navigation bar includes links for PRACTICE, CERTIFICATION, COMPETE, JOBS, and LEADERBOARD. The user's profile 'lizma_407' is visible in the top right. The breadcrumb trail indicates the path: Practice > Python > Introduction > Python: Division > Submissions. The challenge title 'Python: Division' is prominently displayed, accompanied by a star icon. A progress bar shows '50 more points to get your next start!' with a current rank of 265194 and 170/220 points. The 'Submissions' tab is active, displaying a table of submission results. The table has columns for RESULT, SCORE, LANGUAGE, and TIME. Two submissions are listed, both marked as 'Accepted' with a score of 10.0, using Python 2, and submitted 4 days ago. A 'View Results' link is provided for each submission. On the right side, a 'NEED HELP?' section offers links to view the tutorial, discussions, editorial, and top submissions.

RESULT	SCORE	LANGUAGE	TIME
Accepted	10.0	Python 2	4 days ago
Accepted	10.0	Python 2	4 days ago

<https://www.hackerrank.com/challenges/python-division/submissions/code/202717290>

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Ejercicio #4:

The screenshot shows the HackerRank interface for the 'Loops' challenge. The top navigation bar includes links for PRACTICE, CERTIFICATION, COMPETE, JOBS, and LEADERBOARD. The user 'lizma_407' is logged in. The breadcrumb trail is Practice > Python > Introduction > Loops > Submissions. The challenge title 'Loops' is displayed with a star icon. A progress bar indicates '50 more points to get your next star!' with a current rank of 265194 and 170/220 points. The 'Submissions' tab is active, showing a table with one submission: 'Accepted' (Score: 10.0, Language: Python 2, Time: a day ago). A 'View Results' link is present. On the right, a 'NEED HELP?' section offers links to 'View tutorial' and 'View discussions'.

HackerRank PRACTICE CERTIFICATION COMPETE JOBS LEADERBOARD

Practice > Python > Introduction > Loops > Submissions

Loops ★

50 more points to get your next star!
Rank: 265194 | Points: 170/220

Problem Submissions Leaderboard Discussions Editorial Tutorial

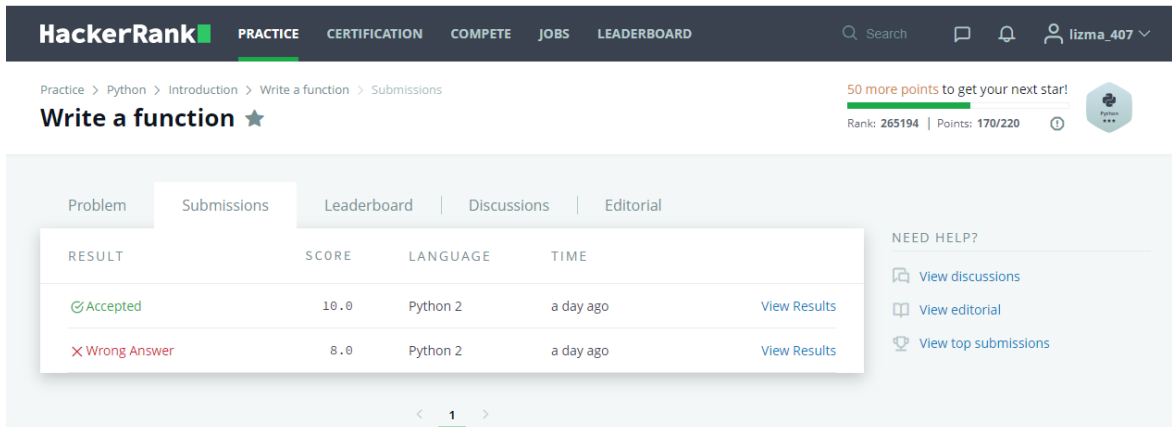
RESULT	SCORE	LANGUAGE	TIME	
Accepted	10.0	Python 2	a day ago	View Results

NEED HELP?
[View tutorial](#)
[View discussions](#)

<https://www.hackerrank.com/challenges/python-loops/submissions/code/203147320>

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Ejercicio #5



The screenshot shows the HackerRank interface for the 'Write a function' challenge. The top navigation bar includes links for PRACTICE, CERTIFICATION, COMPETE, JOBS, and LEADERBOARD. The user's profile 'lizma_407' is visible in the top right. The challenge title 'Write a function' is prominently displayed. Below the title, a progress bar indicates '50 more points to get your next star!' with a current rank of 265194 and 170/220 points. The 'Submissions' tab is active, showing a table of submission results. The table has columns for RESULT, SCORE, LANGUAGE, and TIME. Two submissions are listed: one 'Accepted' with a score of 10.0 and another 'Wrong Answer' with a score of 8.0, both using Python 2 and submitted 'a day ago'. A 'NEED HELP?' section on the right provides links to view discussions, the editorial, and top submissions. A pagination bar at the bottom shows the current page is 1 of 1.

RESULT	SCORE	LANGUAGE	TIME
Accepted	10.0	Python 2	a day ago
Wrong Answer	8.0	Python 2	a day ago

<https://www.hackerrank.com/challenges/write-a-function/submissions/code/203148683>

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Ejercicio #6:

HackerRank PRACTICE CERTIFICATION COMPETE JOBS LEADERBOARD

Practice > Python > Basic Data Types > Find the Runner-Up Score! > Submissions

Find the Runner-Up Score! ★

50 more points to get your next star!

Rank: 265194 | Points: 170/220

Problem Submissions Leaderboard Discussions Editorial

RESULT	SCORE	LANGUAGE	TIME	
Accepted	10.0	Python 2	a day ago	View Results

< 1 >

NEED HELP?

- [View discussions](#)
- [View editorial](#)
- [View top submissions](#)

<https://www.hackerrank.com/challenges/find-second-maximum-number-in-a-list/submissions/code/203149742>

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Ejercicio #7:

The screenshot shows the HackerRank interface for the 'Finding the percentage' challenge. The top navigation bar includes links for PRACTICE, CERTIFICATION, COMPETE, JOBS, and LEADERBOARD. The user 'lizma_407' is logged in. The challenge path is: Practice > Python > Basic Data Types > Finding the percentage > Submissions. The challenge title is 'Finding the percentage' with a star icon. The user's progress is shown as '50 more points to get your next star!' with a progress bar. The user's rank is 265194 and points are 170/220. The submission table has columns: RESULT, SCORE, LANGUAGE, and TIME. One submission is listed with a score of 10.0, using Python 2, and submitted 'a day ago'. A 'View Results' link is next to it. On the right, there is a 'NEED HELP?' section with links to 'View tutorial', 'View discussions', 'View editorial', and 'View top submissions'.

HackerRank

PRACTICE CERTIFICATION COMPETE JOBS LEADERBOARD

Search

lizma_407

Practice > Python > Basic Data Types > Finding the percentage > Submissions

Finding the percentage ★

50 more points to get your next star!

Rank: 265194 | Points: 170/220

Problem Submissions Leaderboard Discussions Editorial Tutorial

RESULT	SCORE	LANGUAGE	TIME
Accepted	10.0	Python 2	a day ago

View Results

NEED HELP?

- View tutorial
- View discussions
- View editorial
- View top submissions

<https://www.hackerrank.com/challenges/finding-the-percentage/submissions/code/203153545>

Ejercicio #9:




The screenshot shows the HackerRank interface for the 'Tuples' challenge. The top navigation bar includes links for PRACTICE, CERTIFICATION, COMPETE, JOBS, and LEADERBOARD. The user 'lizma_407' is logged in. The breadcrumb trail is Practice > Python > Basic Data Types > Tuples > Submissions. The challenge title 'Tuples' is followed by a star icon. A progress bar indicates '50 more points to get your next star!' with a Rank of 265194 and Points of 170/220. The 'Submissions' tab is active, displaying a table with two rows of accepted submissions. A 'NEED HELP?' sidebar on the right offers links to the tutorial, discussions, editorial, and top submissions. The page number '1' is centered at the bottom.

RESULT	SCORE	LANGUAGE	TIME	
Accepted	10.0	Python 2	13 hours ago	View Results
Accepted	10.0	Python 2	13 hours ago	View Results


<https://www.hackerrank.com/challenges/python-tuples/submissions/code/203218331>

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Ejercicio 10:

HackerRank **PRACTICE** CERTIFICATION COMPETE JOBS LEADERBOARD    lizma_407

Practice > Python > Collections > DefaultDict Tutorial > Submissions

DefaultDict Tutorial ★ Rank: 434474 | Points: 100/110 

Your DefaultDict Tutorial submission got 20.00 points. [Compare](#) [Tweet](#)

You are now 10 points away from the 3rd star for your python badge.

[Try the next challenge](#) | [Try a Random Challenge](#)

Problem Submissions Leaderboard Discussions Editorial

RESULT	SCORE	LANGUAGE	TIME	
Accepted	20.0	Python 2	a few seconds ago	View Results

NEED HELP?
[View discussions](#)
[View editorial](#)

<https://www.hackerrank.com/challenges/defaultdict-tutorial/submissions/code/203271649>

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Ejercicio #11:

The screenshot shows the HackerRank interface for the 'collections.Counter()' challenge. At the top, the navigation bar includes 'HackerRank', 'PRACTICE', 'CERTIFICATION', 'COMPETE', 'JOBS', and 'LEADERBOARD'. The user 'lizma_407' is logged in. The breadcrumb trail is 'Practice > Python > Collections > collections.Counter() > Submissions'. The challenge title 'collections.Counter()' is followed by a star icon. A progress bar indicates '110 more points to get your next star!' with a rank of 402957 and 110/220 points. A notification box states: 'Your collections.Counter() submission got 10.00 points. You are now 110 points away from the 4th star for your python badge. Try the next challenge | Try a Random Challenge'. Below this, tabs for 'Problem', 'Submissions', 'Leaderboard', 'Discussions', and 'Editorial' are visible. The 'Submissions' tab is active, showing a table with columns: RESULT, SCORE, LANGUAGE, TIME, and a 'View Results' link. The table contains one row: 'Accepted', '10.0', 'Python 2', 'a few seconds ago', and 'View Results'. On the right, a 'NEED HELP?' section links to 'View discussions', 'View editorial', and 'View top submissions'.

HackerRank PRACTICE CERTIFICATION COMPETE JOBS LEADERBOARD

Practice > Python > Collections > collections.Counter() > Submissions

collections.Counter() ★

110 more points to get your next star!
Rank: 402957 | Points: 110/220

Your collections.Counter() submission got 10.00 points. [Compare](#) [Tweet](#)

You are now 110 points away from the 4th star for your python badge.
[Try the next challenge](#) | [Try a Random Challenge](#)

Problem Submissions Leaderboard Discussions Editorial

RESULT	SCORE	LANGUAGE	TIME	
Accepted	10.0	Python 2	a few seconds ago	View Results

NEED HELP?
[View discussions](#)
[View editorial](#)
[View top submissions](#)

<https://www.hackerrank.com/challenges/collections-counter/submissions/code/203273172>

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Ejercicio #13:

HackerRank PRACTICE CERTIFICATION COMPETE JOBS LEADERBOARD

Practice > Python > Numpy > Floor, Ceil and Rint > Submissions

Floor, Ceil and Rint ★

90 more points to get your next star!
Rank: 332635 | Points: 130/220

Your Floor, Ceil and Rint submission got 20.00 points. [Compare](#) [Tweet](#)

You are now 90 points away from the 4th star for your python badge.
[Try the next challenge](#) | [Try a Random Challenge](#)

Problem	Submissions	Leaderboard	Discussions	Editorial
RESULT	SCORE	LANGUAGE	TIME	
Accepted	20.0	Python 3	a few seconds ago	View Results






NEED HELP?

- [View discussions](#)
- [View editorial](#)
- [View top submissions](#)

<https://www.hackerrank.com/challenges/floor-ceil-and-rint/submissions/code/203277382>



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Ejercicio # 15:

HackerRank  **PRACTICE** CERTIFICATION COMPETE JOBS LEADERBOARD    lizma_407 

Practice > Python > Numpy > Arrays > Submissions


Arrays ★


70 more points to get your next star!
Rank: 293399 | Points: 150/220  

Your Arrays submission got 20.00 points.  [Compare](#)  [Tweet](#) 




You are now 70 points away from the 4th star for your python badge.

[Try the next challenge](#) | [Try a Random Challenge](#)

Problem Submissions **Leaderboard** | Discussions | Editorial 

RESULT	SCORE	LANGUAGE	TIME	
 Accepted	20.0	Python 3	a few seconds ago	View Results

< **1** >

NEED HELP?
 [View discussions](#)
 [View editorial](#)
 [View top submissions](#)

<https://www.hackerrank.com/challenges/np-arrays/submissions/code/203278416>

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Ejercicio #16:

HackerRank **PRACTICE** CERTIFICATION COMPETE JOBS LEADERBOARD

Practice > Python > Numpy > Zeros and Ones > Submissions

Zeros and Ones ★

50 more points to get your next star!
Rank: 265193 | Points: 170/220

Your Zeros and Ones submission got 20.00 points. [Compare](#) [Tweet](#)
You are now 50 points away from the 4th star for your python badge.
[Try the next challenge](#) | [Try a Random Challenge](#)

Problem

Submissions

Leaderboard

Discussions

Editorial

RESULT	SCORE	LANGUAGE	TIME	
Accepted	20.0	Python 3	a few seconds ago	View Results

< 1 >

NEED HELP?
[View discussions](#)
[View editorial](#)
[View top submissions](#)

<https://www.hackerrank.com/challenges/np-zeros-and-ones/submissions/code/203278779>