

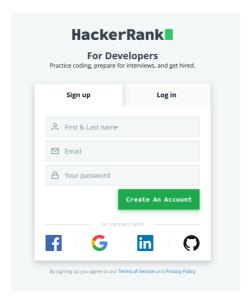
Data Structure 1
Assigned: Sunday, October 24<sup>th</sup>, 2021
Due: Sunday, October 31<sup>st</sup>, 2021

## Lab 2 Sparse Matrix – Sorting – Linked List

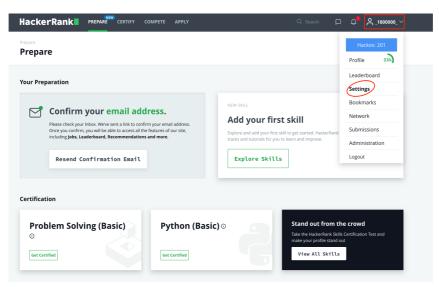
## 1 Hackerrak

The problems are created and added to hackerrank <a href="https://www.hackerrank.com">https://www.hackerrank.com</a> and you have to do the following:

1- Create an account <a href="https://www.hackerrank.com/auth/signup">https://www.hackerrank.com/auth/signup</a>

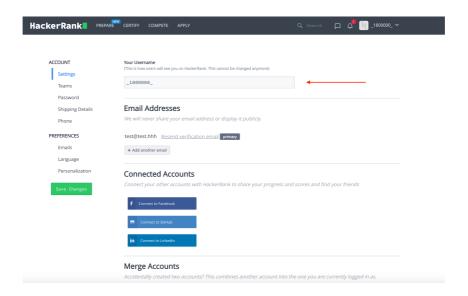


2- Change username to be in the format `\_id`. For example, if your id is 1800000, then the username should be \_1800000. If you got an error that the username already exits, then add underscores before or after the id. Grading will be based on the username and this step is important.





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3- Open the contest and solve the challenges. <a href="https://www.hackerrank.com/data-structures-lab-2-1635077002">https://www.hackerrank.com/data-structures-lab-2-1635077002</a>

## 2 Notes

- You are required to use hackerrank and solve the challenges.
- You must use *scanf()* to read the integer value inputs to your program and *printf()* to write the output value from your program.
- You should work individually.
- You are encouraged to ask any questions on teams, or in person.
- Cheating will be severely penalized (for both parties). So, it is better to deliver nothing than deliver a copy!

## **Good Luck**