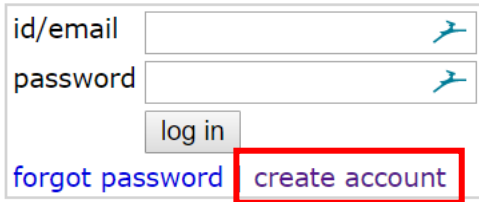


# Computer Science I – Prepa Tec Campus Eugenio Garza Lagüera Final Lab

## Section 1

1. Open CodingBat and create a new account using your student tec account (A0XXXXXX@tec.mx)

<https://codingbat.com/java>



CodingBat code practice

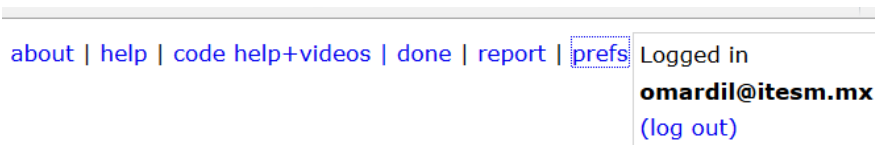
### Create Account

Please enter information to create a new account. We use your email address as your id just so it's memorable and for password reset, not for spamming. New accounts automatically pick up any saved or done problems of the current session. The name field is not required, but with the Teacher Share feature, it can help the teacher see who is who. The password should have at least 6 characters.

Email (used as account id)	<input type="text"/>	
Password	<input type="password"/>	
Confirm password	<input type="password"/>	
Name (last, first) e.g. <b>Smith, Alice</b>	<input type="text"/>	(optional)
<input type="button" value="Create Account"/>		

[privacy statement](#)

2. Click the preferences section



3. In **Teacher Share**, add your teacher's email ([omardil@tec.mx](mailto:omardil@tec.mx)) and click on **Share**.

### Teacher Share

Enter the email address of the teacher account. This will make your done page and solution code visible to that account.

Share To	<input type="text" value="omardil@tec.mx"/>
	<input type="button" value="Share"/>

## Section 2

Resuelve los problemas necesarios para obtener la calificación deseada.

Coding bat Section	Points
Java WarmUp-2	2
Java String-1	3
Java String-2	5
Java String-3	10
Java Logic-1	2
Java Logic-2	5
Java Array-1	3
Java Array-2	5
Java Array-3	10

For example, the following combination would award you a final grade of 100

- 5 WarmUp-2 problems = 10
- 2 String-2 problems = 10
- 3 String-3 problems = 30
- 2 Logic-2 problems = 10
- 2 Array-2 problems = 10
- 3 Array-3 problems = 30

## References

CodingBat has a help section on its website. If you are struggling with any particular problem or topic, you can find them using the following URL: <http://codingbat.com/doc/code-help-videos.html>

### Section 3

Design a command line interface program that allows you to manually test 4 of the problems you have solved. The command line interface should allow you to perform the following actions:

1. Display list of problems to solve and allow the user to select one.
2. Validate that the selected problem is valid. Without selecting a valid option, the program will not allow you to advance.
3. Capture the necessary inputs to run the selected program.
4. Display the program results.
5. Ask the user if they want to execute another problem. If yes, then program should repeat from Step 1.