Stu	dent Name:	Student ID:		TA:	
Rus	st Lab 02			Date: 9/7/2025	
Wri 1) F 2) F	o 1: Name Formatting with Locate a Rust program that: Prompts the user to enter two namerints the names in two different for der of asterisks.	es: one for Player 1 and one	•	zontal, using loops to print	the
	Example: If the user inputs the names "I	Mike" for Player 1 and "Leo"	for Player 2, the	output should be:	
	Vertical Pattern:	Horizontal P			
	*******	*******	*	*	
	* Player 1: Mike *				
	* * *	* riayer r. M		*	
	*****	******	*****	****	
	*				
	* Player 2: Leo *				
	*				
	******				
	Hint: Read string: io::stdin().read_li Length of string: player.len()	ne(&mut player1).expect("F	'ailed to read");		
	TA Comment:				
	TA Check for using loop, no ha	ard code.			
Lab	2: Employee Data System				
Wri	ite a Rust program that simulates a	a simple employee data proc	essing system:		
-	Prompts the user to enter the salar			-	
-	Prompts the user to enter employe	•		•	
	Prints all employee details in a form	_			
4) F	Prints the total salary, average sala	ry, employee with the highe	st salary, and em	iployee with the oldest age	9.
	Example Output:				
	Employee 1: Name = "Alice", A	Age = 30, Salary = 30000			
	Employee 2: Name = "Bob", Ag				
	Employee 2. Name - "Charlie"	•			

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Employee 3: Name = "Charlie", Age = 38, Salary = 50000
Employee 4: Name = "Diana", Age = 43, Salary = 35000
The employee with the highest salary is: Charlie with a salary of 50000\,
The oldest employee is: Diana, 43 years old
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TA Comment: \_\_\_\_\_\_ (Check for using loop, no hard code. Using array and tuple.)

Student Name:	Student ID:	TA:
Lab 3: Number Guessing Game		
Write a Rust program that:		
1) Uses a fixed secret number (e.g., 4	12).	
2) Prompts the user to guess the nur	mber repeatedly.	
3) Uses a loop to keep asking until the	S	
4) On each guess, use match or if to:		
- Print "Too low" if the guess is less		
- Print "Too high" if the guess is gre		
- Print "Correct!" and break the loo	-	
5) Track how many attempts were n	nade and print the total at the end.	
Sample Output:		
Guess the number (1-100):		
> 30		
Too low.		
Guess the number (1-100):		
> 70		
Too high.		
Guess the number (1-100):		
> 42		
Correct! You guessed it in 3 t	ries.	
Hint:		
- Use loop and break		
<ul><li>- Use .trim() and .parse() for</li></ul>	input conversion	
- Use match or if-else for dec	ision logic	
TA Comment:		
TA Check for loop, match/if,	input parsing, attempt tracking.	