Exerc	ise 1. Creating your CSC215 directory:		
1.1.	- The terminel	(Luupix liko)	
	Or the command line		
1 0	Or the command line	(w:windows).	
1.2.	1.2. It will open in your nome directory.		
1.3.	To create a new directory with the name "CSC215", type the command:	(11)	
	■ mkdir CSC215 then ←	(U)	
	■ md CSC215 <b>then</b> 🖉	(W)	
1.4.	To view the current files and folders type:		
	∎ ls 4	(U)	
	∎ dir 🖉	(W)	
1.5.	You will be able to see your newly created directory.		
1.6.	To enter the directory "CSC215" type:		
	■ cd CSC215 d		
1.7.	Using what you just learned, create a new directory with the name "Lab01" inside "CSC215" and		
	let it be the current working directory.	(1 point)	
<b>Exerc</b> 2.1.	<ul> <li>ise 2. Writing your first C program:</li> <li>PART 1 : Creating the program file using emacs:</li> <li>While in the terminal, inside the directory "Lab01", type:</li> </ul>		
	■ emacs hello.cd	(U)	
	■ notepad hello.c4	(W)	
	<ul> <li>or launch your preference of text editors, to create a new document titled "hello.c" (Optional)</li> </ul>		
2.2.	Save the file on the disk.		
2.3.	Close the text editor application.		
2.4.	Reopen the file "hello.c" in the text editor.	(1 point)	
2.5.	PART 2 : Writing the program using emacs:		
	Make sure you Opened the file "hello.c" in a text editor		
2.6.	Then type the following c code:		
#inclu	de <stdio.h></stdio.h>		
<pre>int main() {</pre>			
1	puts("Hello World !");		
	return 0;		
L			

- }
- 2.7. Save your work.
- 2.8. Close the editor.
- 2.9. In the terminal, view your files (using ls command) and make sure that "hello.c" is created and updated.

Exercise 3. Compiling your first c program using GCC: 3.1. While in the terminal, in directory "Lab01", type: ■ gcc -Wall -ansi -o hello hello.cd If your program contains no errors this will produce a file: "hello" in the current directory. 3.2. Run the program hello by typing: ∎ ./hello⊲ 3.3. Modify the 4th line in "hello.c" to: puts ("Hello World !\n"); Then, recompile and run. (1 point) 3.4. Modify the 4th line in "hello.c" to: printf("Hello World !"); Then, recompile and run. (1 point) Exercise 4. Using printf with char and int arguments: 4.1. Create a new c file named "ex4.c" 4.2. Type the following program and save it: #include <stdio.h> int main() { char letter = 'b'; printf("%c\n", letter); printf("%d\n", letter); printf("%c\t%d\n", letter, letter); return 0; } 4.3. Compile and run. 4.4. Record your output. 4.5. Modify the program by adding the following statement right before return line: printf("%c\t%c\n", letter, letter+15); 4.6. Compile and run. 4.7. Record your output. 4.8. Explain the last result. (1 point) Lab assignment: (5 points) Write a C program that declares a char variable, say, ch, and initializes it to any lowercase letter, ex: ch = 'b' The program should: 1. print the character ch. 2. print in a new line the three characters that follow the ch character in the alphabetical order. **Note:** In your answer don't change the value of ch and don't use any other variable. Expected output: CH = bThe following three characters are: c d e