Project Manager (PM), Recorder (R)	
Name	Role
Name	Role
Jnicode Encryption	
Your Tasks (Mark these off as you go) Determine the binary and hexadimal equivalent for use Have Ms. Pluska check off your tasks Write code to print out all the unicode characters give hexadecimal equivalent Write code to convert a String of characters to thier to Receive credit for the group portion of this lab Determine the binary and hexadecimal unicode characters The unicode system has corresponding characters for the vasystem common to our language encompases the first 255 period (a) Write code to determine the number of bits required to (b) Write code to determine the number of bits required to (c)	en their decimal or base 10 equivalent in unicode mal equivalent for lues 0 thru 65536. The ASCII blaces. represent the ASCII symbols.
Unicode values are often represented in hexidecimal to reduto represent them. (a) Write code to determine the number of places required in hexdecimal. (b) Write code to determine the number of places required symbols in hexadecimal.	to represent the ASCII symbols

Write your name below and indicate your role,

Below are some characters from the unicode character set.

Char	Decimal	Binary	Hexadecimal
Ŷ	10014		
P	9413		
Ã	7850		
v	7551		

Use your program from the previous lab to convert the decimal unicode equivalent values to binary. <u>Hint</u>: You will need to report the final binary number as *long* variable type in your code otherwise you will get an overflow error.

How would each	character he	represented in	havadacimal?	(Show your work)
HOW WOULD Each	Cilalactei be	Tebleselited III	HEXAUECHHAI:	(3) IOW VOUL WOLK)

Have Ms. Pluska check off your tasks before you continue



Before you continue have Ms. Pluska check off the above tasks

Do not continue until you have Ms. Pluska's (or her designated TA's)

signature ______

Write code to print out all the unicode characters given their decimal or hexadecimal equivalent

The unicode system has corresponding characters for the decimal values 0 thru 65536. Write a loop that could be used to print out all the corresponding characters.			
Write code that could be used to represent each unicode character in hexadecimal			

Write code to convert a String of characters to their base 10 equivalent in unicode

Consider a String of characters like "Code is Cool!", or even your name. Write code that could be used to convert each character in the String to its unicode equivalent and print the result to the consol.					
Consider the same code, but this time write code that could be used to convert each character in the String to its unicode equivalent in decimal and print the result backwards.					
 Receive Credit for the group portion of this lab 					
STOP					
Before you submit your lab have Ms. Pluska check off the above tasks					
Do not continue until you have Ms. Pluska's (or her designated TA's) signature					