Write your name below and indicate your role,	
Project Manager (PM), Recorder (R)	
Name	Role
Name	Role
Inicode Encryption	
Your Tasks (Mark these off as you go)	
Determine the binary and hexadimal equivalent for u	inicode characters
Have Ms. Pluska check off your tasksWrite code to print out all the unicode characters giv	en their decimal or
hexadecimal equivalent	assa 10 aguivalent in unisada
Write code to convert a String of characters to thier IReceive credit for the group portion of this lab	Jase 10 equivalent in unicode
 Determine the binary and hexadecir unicode characters 	nal equivalent for
The unicode system has corresponding characters for the vasystem common to our language encompases the first 255 p	
(a) Write code to determine the number of bits required to (b) Write code to determine the number of bits required to	•
Unicode values are often represented in hexidecimal to redu to represent them.	ce the length of digits requried
(a) Write code to determine the number of places required	to represent the ASCII symbols
in hexdecimal. (b) Write code to determine the number of places required symbols in hexadecimal.	to represent the unicode

Relow are	some charact	ers from the unicode o	haracter set	
below are	Some Charact	ers from the unicode c	ilalactel Set.	

Char	Decimal	Binary	Hexadecimal
ď	10014		
P	9413		
Ã	7850		
$oldsymbol{v}$	7551		

Ŷ	10014			
P	9413			
Ã	7850			
ŧ	7551			
How woul	d each charact	er be represented in b	inary? (Show your work)	
How woul	d each charact	er be represented in h	exadecimal? (Show you	work)

Have	Ms.	Pluska	check	off	your	tasks	before	you
conti	nue							



STOP
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 sade that sade he used to determine the corresponding sharester for each of the
Write code that code be used to determine the corresponding character for each of the hexadecimal equivalent

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 in decimal 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			