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! ! ! ! B27,C\*!43QQRL EFG// -#G9%7!

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! ! ! ! B27,C\*!2#./S70.U4E;27,C9%?2!

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A0\$7>80"!.! ! ! 1,2/\*!!L?-D7\$=!4(!A!44\*&(!72!

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WI./0!#G%%/#IG!%? 2MC/.,?-!?! " TR8!&' (!#.GD/ -.#!#>?G!D!</!7<!/!.?!)

70! #G2 270,X/!>/!</>7Y,?07C=IM>\$#,?C? ;,%7C=- /G0?<,?C? ;,%7C!%>707%. /0,#.,%#7-D! 2 /%>7- ,#2#!?!!!

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<0! #G2 270,X/!>/!/Y?CG.,?-!?!#C//M!7-D!%0,.,%7C!\$D,#%G##!>/!M?./-.,7C!IG-%.,?-#!?!#C//M!

%0! ,D/-.,!\$!I7%.?0#!>7.!7II/%.!#C//M!FG7C,.\$!

/0! 7MM!\$! 2 /.>?D#!?!FG7-.,!\$!#C//M!M707 2 /./0#7-D!FG7C,.\$!,-!>G27-#!!

@9! D/#%0,</!7-D!D,#%G##!>/!-7.G0/!?!#C//M!D,#?0D/0#!7-D!>/,0!.0/7.2 /-.#E)

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/0F7.) 1>/!0/FG,0/D!0/7D,- ;#!I?0! .>/!%?G0#/%? -#,#?!?!0/Y,/S!70.,%C/#7-D!<??Z!%>7M./0#!#/C/%./D!..?!)

%? 2MC/ 2 /-!.>/!.?M,%#!%?Y/0/D!,-!>/!C%.G0/#9!1>/!\$70/!7Y7,C7<!/!?-!>/!"#\$%&' (!?- [!S/<!#,./9!



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**\*Policy on deadlines and late submissions: !**

All late submissions will be penalized (5% deduction from the grade for the affected lab project for each day late; this applies to the completed lab project, but also the deadlines for signing up or submitting proposals. For lab projects with multiple deadlines, separate penalties will be added up and deducted from the final project grade). Projects, proposals, or sign-ups that occur between 1 min to 24 hours after the stated deadline are considered 1 day late; submissions received from 24 hours and 1 min to 48 hours late are considered 2 days late; etc.!

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**A?B)@7706C?6\$0.)**



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**J5"?B5'57#)@\$\$&9 9 &C?75&6")27?70 9 067)**

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h [ G / / -n#c -,Y/0#,\$!#!%? 2 2,.. /D!.?!7%>, /Y, - ; !IGCC!7%# / ##,<,c,.\$!?!0!M/0#? -#!S,.>!D,#7<,c,., / #9! " 70.!  
?!!>#!%? 2 2 ,.2 / - .!, -%GD / #!7007 - ; , - ; !7%7D / 2 ,%!7%? 2 2 ?D7.,? -#!?!0!#GD / - .#!S,.>!D,#7<,c,., / #!  
.?! / - #G0 / !.> / \$!>7Y / !7 - ! / FG, .7<0 / !?MM?0.G - ,.\$!?!M70.,M7. / !, - !7CC!?!!> / ,0!7%7D / 2 ,%!7%,Y,., / #9!b!  
\$?G!70 / !7!#GD / - .!S,.>!7!D,#7<,c,.\$!7 - D!>, - Z!\$?G!27\$! - / / D!7%? 2 2 ?D7.,? - #!\$?G!70 / !#0? - ; \$!  
/ - %?G07 ; / D!?!%? - .7%.!> / ! : ,#7<,c,.\$!T / 0Y, % / #!HII, % / IN : TH0!7 - D!0 / ; ,# / 0!7#! / 700\$!7#!

M?##,<0/9!! \ ?0! 2 ?0 / !, - !?027.,? - !, - %GD, - ; !, 2M?0.7 - !D / 7Dc, - / #=!MC / 7# / !Y, ., !> / ! : THIS / <# , . / !

[7.\\*!>..M\\*eeSSSS9FG / / - #G9%7e>%D#eD#e!i!](#)

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**A?B)X;.)2'003)J5?8#)?6C)A?B)M03&87))**

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**A?B)M03&87) 4 85756 (. )56)!"#\$%&'&(#)\*+,.)**

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! 1>/0/!70/!#/Y/070!7MM0?7%>/#!.?!?0;7-,X,-;!.>/!%?-./-!7-D!#.\$0/!?!0/M?0.#!?!#%,/-.,!%!  
D7.79!!1>/!!?00?S,-;!70/!#?2/!#G; ;/#.,?-#!.>7.!\$?G!27\$!S7-.!?!M7\$!#M/%,70!7../-.,?-!?!#//,-;!  
7#!.>/!\$!>7Y/!<//-!S0,../-!<\$!\$?G0!1W#!S>?!S,00!</!270Z,-;!\$?G0!7##,;-2/-.#9!!

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/]%/##,Y/!D/.7,C!N/9;9=!0/M/7.,-;! /Y/0\$!FG/#.,?-!?!>!/!#C//M!D,70\$0!70/! .??!D/.7,C/D!I?0! .>,#!  
0/M?0.9!!!

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! 1>/!b-.0?DG%.,?-!#>?GCD!</!%?-#.0G%./D!#G%>!>7.!; /- /07C!,##G/#!7-D!M0?<C/ 2#!0/C7.,-;!  
.?!>!/! /]M/0,2 /-.!C/7D!,-.?! 2 ?0/!#M/%,1,%!?- /#=#/ -D,-;!,-.?!>!/!#%, /-.,,1,%!FG/#.,?-#!>7.!0/FG,0/!  
7.. /-.,?-9!1>,#!#>?GCD!</!I?CC?S/D!<\$!7!%C/70!#.7./ 2 /-.!?!MGOM?#/!I?0!>!/!M0/#/ -.!#GD\$9!1>/!  
,-.0?DG%.,?-!#>?GCD! /-D!S,.>!/ ]M/0,2 /-.7C!>\$M?>/#/#!7DD0/##,-;!>!/!FG/#.,?-#!07,#/D!,-!>!/!  
M0%/D,-;!M707;07M>#9!!!

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+>/-!#.7.,-;!h!7%.#i!,-!>!/!,-.0?DG%.,?-!?' [ ?#"!0/1/0/-%/!\$?G0!#?G0%/#9!R?G!D?!-?!- / /D!?!%,./!  
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,#!NI / /C!I0 / /!?!7#Z!\$?G0!1W#09!10\$!?!7Y?,D!FG?.,-;!D,0/%.C\$!I0? 2!7!MG<C,#>/D!#?G0%/=!<G.!07.>/0!  
M707M>07# /!> /!D/7#!7-D!I,-D,-;!#,-!\$?G0! ?S-!S?0D#9!T,2,C70C\$=!7Y?,D!Y/0<7.,2! / ] .07%.,?-!?!  
7-\$>,-;!,-!>,#!<??Z/ .!#G%>!7#!D/#%0,M.,?-#!?! / ]M/0,2 /-.7C! 2 />?D#9!

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I?CC?S/D=!.>!/!#G</%.#!7-D! 27./0,7C#!\$?G!G#/D=!7-D!>!/!7-7C\$#,#!?!>!/!D7.7!\$?G!%700,/D! ?G.9!J\$!  
%?-Y/ -.,?-!>!/! 2 />?D#!70/!S0,.. /-!, -!>!/!3?"7)706"0E)J /!#G0/!?!7Z/! -?./#!?!700!M0?%/DG0/!  
D/.7,C#!,-!C7<#9!

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 1>/-!M0/#/-!.>/!0/C/Y7-!.#GD,/#!S,>!7-!/2M>7#,#!?!>/!  
 2/.>?D?C?;\$!7-D!0/#GC.#9!\,-7CC\$=!M0/#/-!.\$?G0!%?-%G#,-#!D07S-!  
 !0?2!>/!#GD,/#!D?/#!>/!/JM/0,2/-7C!/Y,D/-%/!#GMM?0.!?0!  
 %?-07D,%!.>/!#C//M!2\$.>9!W0/!>/0/!7-\$!,2M?0.7-!.!2MC,%7.,?-#!7-D!  
 0/%?22/-D7.,?-#!>7!.\$?G!%7-!27Z/p! :?!-?!G#.!0/M/7./D!S>7.!>/!  
 7G.>?0#n!?!.\$?G0!#GD,/#!%?-%GD/!7-D!0/%?22/-Da!%?2/!GM!S,>!  
 #?2/!?!.\$?G0!S-!,D/7#!7-D!%?-%G#,-#q!

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- A! 2?0/!,#!-?!7CS7\$#!</../0\*!%0722,-;!.??!2G%>!, -I?027.,?-!,-.?!  
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- A! 7#Z!.\$?G0#/C!S>7!,-I?027.,?-!,#!,2M?0.7-!.!7-D!-/##70\$!?!0!  
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 .>7!#!-?!?!M0,270\$!,2M?0.7-%/!
- A! >?S!D?!b!;/!2\$!7GD,/-%/!, -./0/#./D!,-!2\$!.7CZp!>?S!%7-!b!  
 /-;7;/!2\$!7GD,/-%/!
- A! I?0!#C,D/#=!. /]!.#!?!./-!C/##!/!!/%.,Y/!.>7-!;07M>#!7-D!,27;/#!
- A! >7Y/!IG-!S,>!.\$?G0!.7CZa!.\$?G0!7GD,/-%/!S,CC!/ -\_?\$\$?G0!.7CZ!7!C?!.  
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@7706C?6\$0)?6C)!?875\$53?75&6.)W../-D7-%/!DG0,-;!7CC!M0/#/-7.,?-!  
 #/##,?-#!,#!27-D7.?0\$9!"70.,%M7./!, -!.>/!C7<#!<\$!7#Z,-;!FG/#.,?-#!  
 Y?,%,-;!.\$?G0!M,-,?-?!?0!M0?Y,D,-;!,D/7#!7-D!,-#;,>#!,-?!>/!Y70,?G#!  
 .?M,%#9!W../-D7-%/!7-D!M70.,%M7.,?-!<?>!%?-0,<G./!?!>/!Y/07CC!  
 270Z!!?0!>,#!C7<!N#//!</C?S0!7-D!/->7-%/!>/!C/70,-,-;!/JM/0,-%/!<\$!  
 !7%,C,.7.,-;!7%,Y/!D,#%G##,?-#!?!?!%?G0#!!27./0,7C9!!!

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