

MATH 1310 Programming Project #2a Introduction to For Loops

You have the whole class period to work on this project with your group. Write your answers on a separate paper. Be sure to answer all questions asked. Below are two new commands that you will need to find on your calculator.

Command	Place on Calculator
For	PRGM - CTL
End	PGRM - CTL
" "	PGRM - IO

- 1.) Run the following programs on your calculator and describe what each one does.
 - a.) :For (K,1,3)
:Disp "Hello"
:Disp K
:End
 - b.) :For (K,1,11,2)
:Disp K
:End
 - c.) :For (J,6,4,.5)
:Disp J
:End
 - d.) :Prompt N
:For (K,1,N)
:Disp "Hello"
:End
 - e.) :For (K,1,10)
:End
:Disp "Hello"
:Disp K
- 2.) What do the For and End commands do? Explain the role played by each of the arguments in the For command, including the optional fourth argument.
- 3.) Modify the line drawing program (#4 on the previous programming assignment) so that it plots N different lines without clearing the screen between plots. The program should ask for the value of N before drawing anything. Write your modified program down on your paper.