Inputs : The Required amount and the Output per minute, value for loop continualtion and and lastly the 5 Values of input per minute

Output: String asking for the required amount and the output per minute loop asking for continuation, and Array asking for the Input per minute

Variables: strReqAmount BYTE "ENTER THE Required Amount : "

strOutputperMin BYTE "ENTER THE Output Per minute :

" strNewLine BYTE 10

strArray BYTE "Enter the value of the element User   "

" strExit BYTE "enter a Positive integer to continue, enter 0 to exit :

strLeftBrac BYTE 91,0

strRigtBrac BYTE 93,0

strComma BYTE 44,0

strSpace BYTE 32,0

strNewLine BYTE 10,

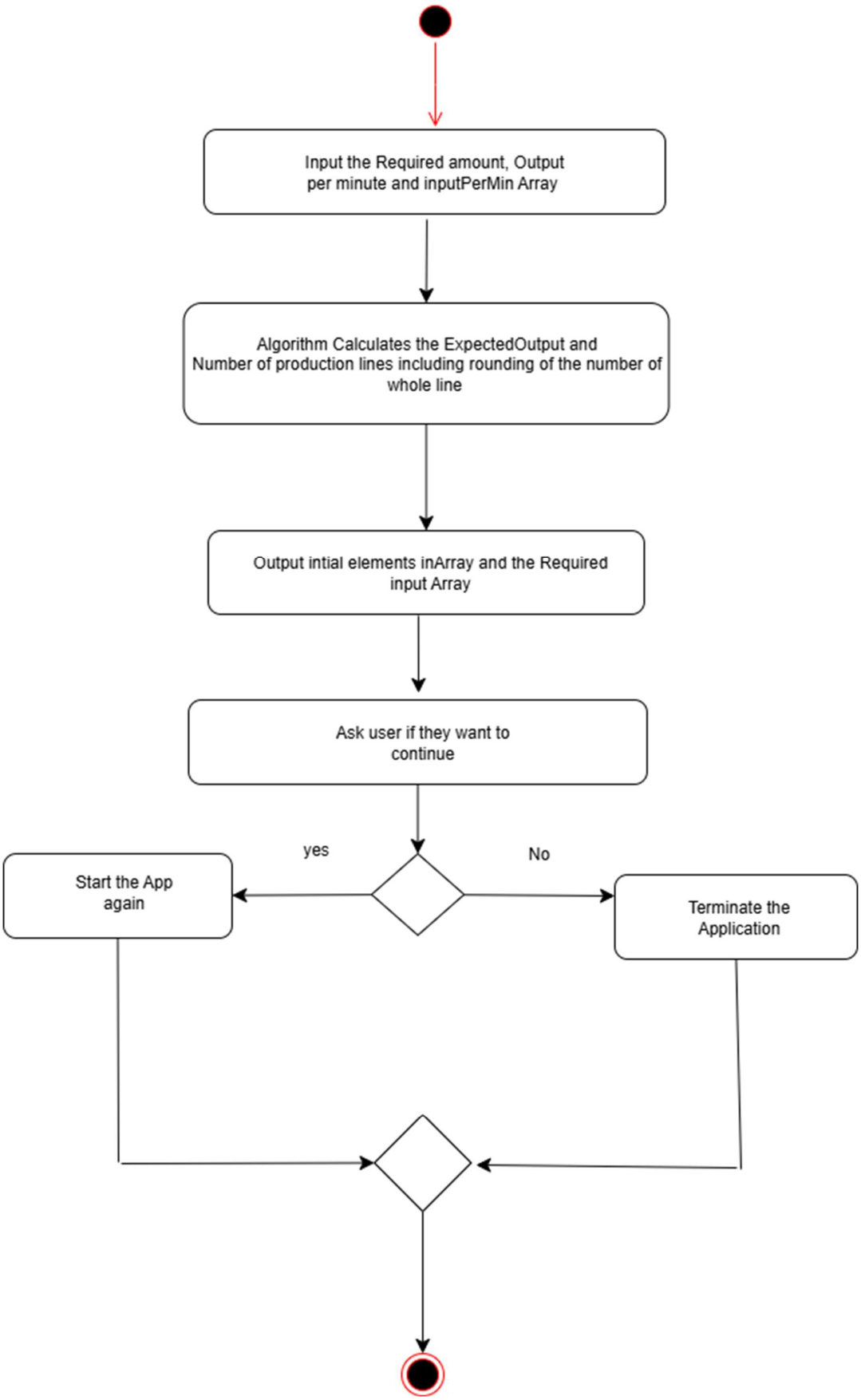
Array DWORD 5 DUP(?) ;

intReqAmount DWORD ?

intOutputMin DWORD ?

intInputMin DWORD ?

Algorithm: Get the the Required amount and the Output per minute from the user, also get the Input per Minute to fill into our array, next is to calculate the number of Prodution lines by dividing by Required amount by the Output per Minute if the answer has edx greater than 1 then we increment the answer by one. Next is to calculate the expected output by taking the rounded up value if needed and multiply it by each element in out Input per minute Array . Next is to load up our Array and a multipy each element by the number of production lines lastly we must display the required total input based on the number of lines


Input the Required amount, Output per minute and inputPerMin Array
Algorithm Calculates the ExpectedOutput and Number of production lines including rounding of the number of whole line
Output intial elements inArray and the Required input Array
Ask user if they want to continue
yes
No
Start the App again
Terminate the Application