Ariel Sischy
221003350
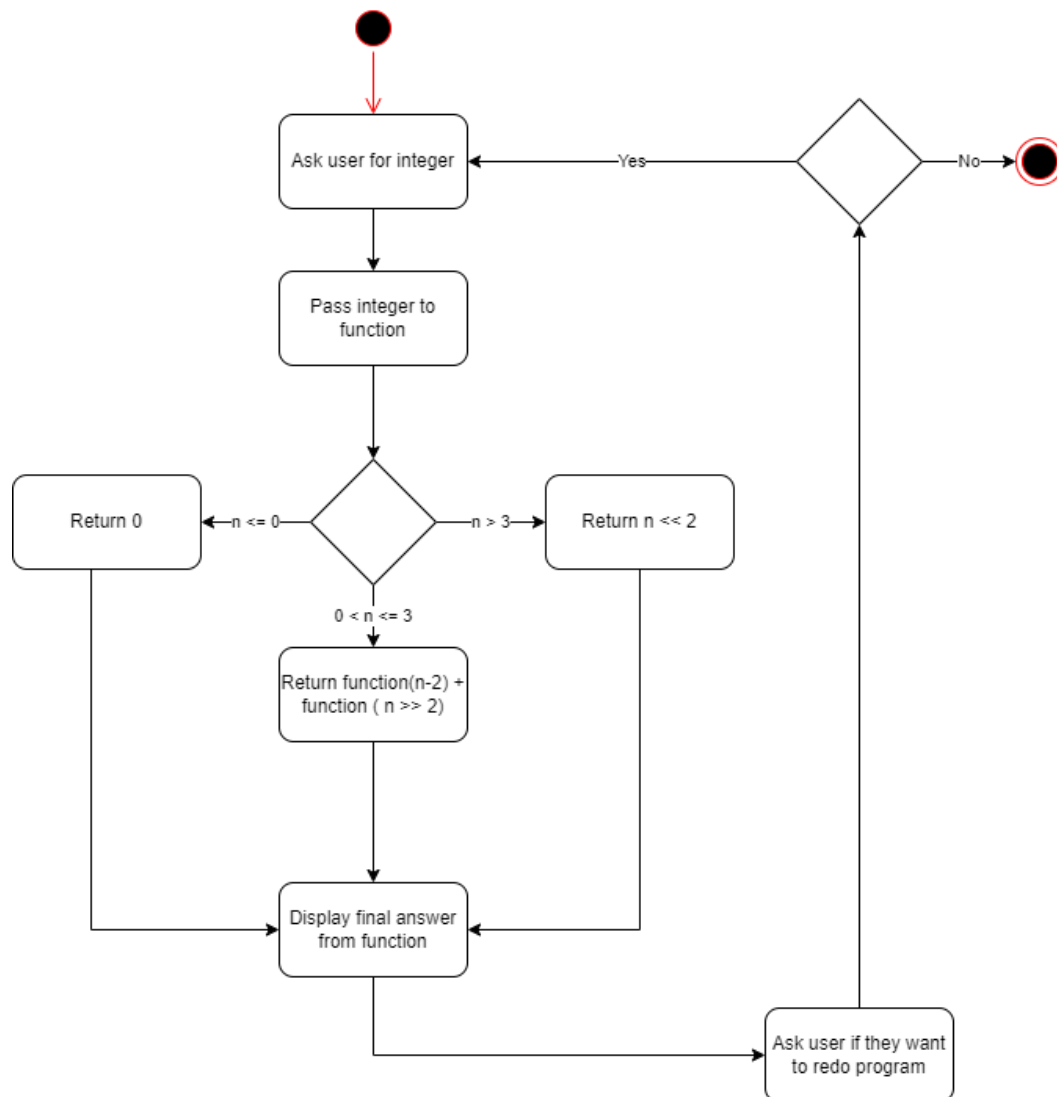Prac 06

Inputs

- 1 Integer from Keyboard

Outputs

- Message asking for user to input 1 integer
- Message displaying final answer
- Message asking if user wants to continue program or exit

Variables

- Output – BYTE for saying display function final answer: msgOutput
- Output – BYTE message for saying input integer for function: msgInput
- Output – BYTE for asking user if they want to exit program: msgExit
- Output – BYTE for formatting, space: msgSpace

Algorithm

1. Ask user to input an integer
2. Call a function(n), where n is user integer
3. If n <= 0, return 1
4. If n > 3, return function(n-2) + function(n >>2)
5. If 0 < n <= 3, return n << 2
6. Ask user if they want to exit or repeat program

Ariel Sischy
221003350
Prac 06
Flow Diagram

Stack Diagrams

Falkor Function

eax
return address
Old EBP
EDX
ECX
EBX
FLAGS <-ESP