Command Line Calculator Pseudo Code 1

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1. Start
2. Print (“Welcome to the Command-Line Calculator (CLC)”)
3. Print (“Developer:” + name of the developer)
4. Print (“Version:” + version of the CLC)
5. Print (“Date:” + date of development)
6. Print (“-------------------------------------------------------------------------“)
7. Print (“Select one of the following items:)
8. Print (“B) - Binary Mathematical Operations such as addition and subtraction.”)
9. Print (“U) - Unary Mathematical Operations, such as square root, and log.”)
10. Print (“A) - Advanced Mathematical Operations, using variables, arrays.”)
11. Print (“V) – Define variables and assign them values.”)
12. Print (“X) – Exit”)
13. Loop (until the item “X” is selected) {
    1. Read (whatever is selected by the user)
    2. If (B is selected), then
       1. Print (“Enter the 1st number:”)
       2. Read (num1)
       3. Print (“Select an operation ( + , - , \* , /, %, ^)”)
       4. Read (op);
       5. Print (“Enter the 2nd number:”)
       6. Read (num2)
          1. If (+ is selected), then result = num1 + num2;
          2. Else if (- is selected), then result = num1 – num2;
          3. Else if (\* is selected), then result = num1\*num2;
          4. Else if (/ is selected), then result = num1/num2;
          5. Else if (% is selected), then result = num1%num2;
          6. Else if (^ is selected), then result = num1^num2;
       7. Print (“The result is: ” + result) }
       8. Print (“Please select your option ( B , U , A , E , V, X )”)
    3. Else if (X is selected), then {
       1. Print (“Thank you for using CLC. Goodbye!”)
    4. Else,
       1. Print (“Sorry, that selection is currently not available or unfamiliar.”)
       2. Print (“Please select your option ( B , U , A , E , V, X )”)
14. End loop when X is selected; end program