

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
 - i) Print ("Enter the 1st number:")
 - ii) Read (num1)
 - iii) Print ("Select an operation (+ , - , * , / , % , ^)")
 - iv) Read (op);
 - v) Print ("Enter the 2nd number:")
 - vi) 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;
 - vii) Print ("The result is: " + result) }
 - viii) Print ("Please select your option (B , U , A , E , V , X)")
 3. Else if (X is selected), then {
 - i) Print ("Thank you for using CLC. Goodbye!")
 4. Else,
 - i) Print ("Sorry, that selection is currently not available or unfamiliar.")
 - ii) Print ("Please select your option (B , U , A , E , V , X)")
- 14) End loop when X is selected; end program