Lab1.1

Objectives: -

After completion of this lab activity the student will be able to: -

- Use addition, subtraction, multiplication, division and reminder
- Use expr mathematical functions

Steps: -

1) Create a tcl script named lab1.tcl
2) Display on the screen the following message
   - "**** Arithmetic Operations on Integer Operands****"
3) Create a variable with name “A” with value “35”
4) Create a variable with name “B” with value “80”
5) Place the result (into a variable named var00) of the expr expression that will add A & B using command & variable substitution.
6) Place the result (into a variable named var01) of the expr command that will subtract A & B using command & variable substitution
7) Place the result (into a variable named var02) of the expr command that will multiply A & B using command & variable substitution.
8) Place the result (into a variable named var03) of the expr command that will divide A & B using command & variable substitution.
9) Place the result (into a variable named var04) of the expr command that will reminder A over B using command & variable substitution.
10) Display the contents of var00 & var01 & var02 & var03 & var04 with the type of operation using variable substitution.
    - Ex of displayed message in addition operation: A + B = 115

11) Display on the screen the following message
    - "**** Arithmetic Operations on Floating Operands****"
12) Create a variable with name “C” with value “35.0”
13) Create a variable with name “D” with value “80”
14) Place the result (into a variable var05) of the expr command that will add C & D using command & variable substitution.
15) Place the result (into a variable var06) of the expr command that will subtract C & D using command & variable substitution.
16) Place the result (into a variable var07) of the expr command that will multiply C & D using command & variable substitution
17) Place the result (into a variable var08) of the expr command that will divide C & D using command & variable substitution
18) Place the result (into a variable var09) of the expr command that will reminder A over B using command & variable substitution.
19) Display the contents of var05 & var06 & var07 & var08 & var09 with the type of operation using variable substitution.
    - Ex of displayed message in addition operation: A + B = 115.0