PF-Lab Assignment (24k-0775)

Task 1: Pseudocode to find the smallest number among three given variables.

1) **Start**
2) Ask the user to enter 3 values (a, b, and c).
3) Set smallest = a; if a<b AND a<c.
4) Set smallest=b; if b<a AND b<c.
5) Set smallest=c; if c<a AND c<b.
6) Print smallest.
7) **End.**

Task 2: Pseudocode to subtract two numbers without using the "-" operator.

1) **Start**
2) Ask the user to enter 2 values (a and b).
3) Set c= ~b+1 (Complement of b+1 is equal to -b).
4) Set sub=a + c.
5) Print sub.
6) **End.**

Task 3: Pseudocode for a basic calculator that performs multiplication, addition, division, and subtraction.

1) **Start**
2) Ask the user to enter 2 values (a and b) and operator (p).
3) IF p == "+"; Set result = a + b.
4) IF p== "-"; Set result= a – b.
5) IF p== "*"; Set result= a * b.
6) IF p== "\"; Set result= a \ b.
7) IF p== "%"; Set result= a % b.
8) Print smallest.
9) **End.**