This program is a simple calculator that reads its input from a character buffer. If integers are read, they are pushed on a stack. If one of the operators (+ - \* ⁄) is read, the top two elements are popped off the stack, the operation is performed on them, and the result is pushed on the stack. The = operator writes out the value of the top element of the stack to a buffer

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CHANGES MADE :

CALC.c :

#include "PUSHPOP.c"

#include "READTOKN.c"

Remove #include "CALC.h"

printf("%s", buf\_out);

PUSHPOP.c

#include "CALC.h"

Ptr >i = *num*;                                     */\*  PUSHPOP2  statement \*/*

  ptr->next = *stk*->top;

*stk*->top = ptr;

ptr = *stk*->top;

  num = ptr->i;

*stk*->top = ptr->next;

READTKN.c

remove #include "calc.h"

Replace  ⁄\*\*⁄with /\*\*/ or //

Replace for (c = nextchar();isspace(c);c = nextchar());

withfor (c = nextchar(); !isspace(c); c = nextchar())

  {}

In switch cases change *'⁄' with ‘/’*

CALC.h

Replace typedef *enum* toks  with typedef *enum ,*

extern *void*  push(IntStack \*, *int*);

extern *int* pop(IntStack \*);

*With* extern *void* push(IntStack \**stk*, *int* *num*);

extern *int* pop(IntStack \**stk*);

Steps we did:

Step1: *Checked for syntax errors*

Step2: *Checked main function for errors*

Step3: *Checked the header files for errors*

Step4: *Checked the functions which are includes in CALC.c for errors*

Step5: *Solved the errors and ran*