**DOCUMENTATION**

We are going to discuss about the changes that are made on the following files.

* **READTOKN.C**

In the given code, “include header file calc.h” was written in wrong way. It should have written as “CALC.h”.

* **PUSHPOP.C**

In the given file, for the functions called int push and int pop; there shouldn’t be any extern keyword because we declaring body for both the functions in the mentioned and by using extern we have already defined the functions in “CALC.h” file. And we all know that in C program extern is been used for defining variable & function outside of any declared scope.

* **CALC.h**

1.CALC.h file has been included in each file because of that “CALC.h” file will going to be executed for three time because of that there will be multiple declaration of same data. To avoid that we are using header guards.

Syntax:

**#ifndef KEYWORD**

**#define KEYWORD**

**.**

**.**

**.**

**#endif**

2. In the given file read\_token function hasn’t been defined so by making it as extern type we can declare it here and complier can detect the body of the function in other file. For this scenario it should be READTOKEN.C.

* **CALC.c**

1. In the given code, “include header file calc.h” was written in wrong way. It should have been written as “CALC.h”.
2. Return type of the main function should be integer type.

One of the major issue with files was in some section of the file “/”was been replaced with “â€“ ” & “â„”. We don’t think that it was supposed to be debugged, but we still added this because of authenticity purpose.