**Changes**

Created a ***enum TokenType*** to help keep track of keywords in the dictionary. The key words are known. The **TokenType** enables us to compress keywords into a single dictionary.

Created a dictionary to store all keywords. The keywords are known by the name and the token which they represent e.g {“if”,IF\_C}, this enables quick lookup of the specified keyword.

struct {char \*str;

TokenType token;}

reservedWord[MAX\_RESERVED\_WORDS];

Create a function ***static int reservedLookup(char \*s)*** that returns the name of KEYWORD or ID. A key word is recognized by lineear lookup of the dictionry of reservedWord. This aids in recogniton of key words *if, else, while, do, float,* and *int*.

Created a function ***int indentifier()*** to determine the type of keyword or identifier. Any keyword or identifier is assumed to start with a **LETTER** followed by Digits. This function returns ID or Keyword and is called whenever the next character in the input stream is **LETTER**.

Changes the ***case LETTER:*** in the **lex()** function to help recognize the specified keywords.