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getFile(fileName[])
        PROMPT Please enter the filename of the Mad Lib:
        GET fileName
        RETURN
END

askQuestion(badSpace[], space[])
        SET firstLetter ← to uppercase badSpace[0]     //Setting first letter to capital
        PUT \tab and firstLetter                       // couting tab and first letter
        FOR i = 1; untill badSpace is null
                IF badSpace is an _
                        PUT a space                    // replacing _ with a space
                ELSE
                        PUT badSpace[i]                //Displaying everything else
        PUT semicolon and a space                      //semicolon and space
        GET space                                      //using cin.getlinefile
        RETURN                                         //Writing into story is in interpret
END

interpret(badFile[], file[], i, offset)
        IF tempFile[i+1] is null
                PUT invalid char
        ELSE IF tempFile[i+1] is '!'
                SET file[i - ++offset] ← '\n'
                SET i ← i + 2
                SET offset ← offset + 2
        ELSE IF tempFile[i+1] is '<'
                SET file[i - offset] ← "
                SET i ← i + 2
                SET offset ← offset + 2
        ELSE IF tempFile[i+1] is '>'
                SET file[i - ++offset] ← "
                SET i ← i + 1
                SET offset ← offset + 1
        ELSE IF tempFile[i+1] is '.'
                SET file[i - ++offset] ← '.'
                SET i ← i + 1
                SET offset ← offset + 1
        ELSE IF tempFile[i+1] is ','
                SET file[i - ++offset] ← ','
                SET i ← i + 1
```

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            SET offset ← offset + 1
        ELSE
            SET badSpace[256]
            SET space[256]
            SET i ← i + 1
            SET offset ← offset + 1
            FOR place = 0 untill badFile[i] is a space place++
                SET badSpace[place] ← badFile[i]
                SET i ← i + 1
                SET offset ← offset + 1
            askQuestion(badSpace, space)
            FOR place = 0 untill space[place] is null place++          //will write answer into
                SET file[i++ - offset] ← space[place]                  //file starting where
        RETURN                                                         //the colon was.
END

readFile(fileName, file)
        SET badFile[256];                                  //For raw file
        SET offset ← 0                                     //for the displacement (see interpret)
        SET r ← 0                                          //for reading file
        SET Ifstream fin

        OPEN fileName                                  //opening the file(dont know pseudocode
        IF fin.fail()                                  //catch if there is an error
            PUT failed to open fileName
        WHILE r < 256 && !fin.eof()                    //read file into an array with spaces
            READ badFile[r]
            SET r++

        CLOSE fin                                      //close file now that it is stored
        FOR i = 0 until badFile[i] is null i++             //start fixing the raw file and storing
            IF badFile[i] is a :                           //that in file
                interpret(badFile, file, i, offset)
            ELSE
                SET file[i - offset] ← badFile[i]
        RETURN
END

display(file[])
        FOR i = 0 until file[i] is null i++
            PUT file[i]
        PUT endl
        RETURN
```

```
END

playAgain()
        SET answer
        WHILE true == true
                PROMPT Do you want to play again (y/n)?
                GET answer
                IF answer is y
                        RETURN true
                ELSE IF answer is n
                        RETURN false
                ELSE
                        PUT Please answer in y or n
END

main()
        SET fileName[256]
        SET file[256]
        SET play ← true

        WHILE play is true
                getFile(fileName)
                readFile(fileName, file)
                display(file)
                SET play ← playAgain()
        RETURN 0
END
```