

10) write a complete program to read from a file called "numbers. text" one integer per line until a zero is read in and then the program will output to the screen the count of integers for each of these categories:

1. Integers less than -100
2. Integers between -100 and +100, inclusive
3. integers greater than +100

```
#include<iostream>
#include<stdlib.h>
#include<fstream>
using namespace std;

int main()
{
    ifstream myReadFile;
    myReadFile.open("D:\\input.txt");
    char line[100];
    int num;
    int less=0,btn=0,over=0;
    if (myReadFile.is_open()) {
        while (!myReadFile.eof()) {

            myReadFile >> line;
            num=atoi(line);
            if(num<-100){
                less++;
            }
            if(num>=-100&&num<=100){
                btn++;
            }
            if(num>100){
```