

Quiz # 8

Question # 1

5+5 marks

Consider the following file for next two parts.

test.txt

10
20
30
40
50
60<EOF>

```
#include<iostream>
#include<fstream>
using namespace std;
int main()
{
    ifstream fin("test.txt");
    int i;
    fin >> i;
    while(!fin.eof())
    {
        cout << i << endl;
        fin >> i;
    }
    fin.close();
}
```

```
#include<iostream>
#include<fstream>
using namespace std;
int main()
{
    ifstream fin("test.txt");
    int i;
    while(!fin.eof())
    {
        fin >> i;
        cout << i << endl;
    }
    fin.close();
}
```

Question # 2

Write a program that asks the user for the name of a file. The program should display the last 10 lines of the file on the screen (the “tail” of the file). If the file has fewer than 10 lines, the entire file should be displayed, with a message indicating the entire file has been displayed.[10marks]