7a

#include <fstream>

#include <iostream>

#include <string>

using namespace std;

int main() {

string filename;

string line;

fstream fin;

int count = 1;

cout << "enter the file name:..." << endl;

getline(cin, filename);

fin.open(filename.c\_str(), ios::in);

if (!fin.good()) {

cout << "error" << endl;

exit(EXIT\_FAILURE);

}

while (getline(fin, line)) {

cout << "line" << count << ":" << line << endl;

if (count == 10) {

break;

}

count++;

}

fin.close();

if (count <= 10 && fin.eof())

cout << "the entire file have been read" << endl;

return 0;

}

Text

Description automatically generated

7b

­­­­­­­#include <iostream>

#include <fstream>

using namespace std;

int main()

{

const int SIZE = 51;

char fileName[SIZE];

char line[80];

ifstream file;

cout << "enter a file name: ";

cin >> fileName;

file.open(fileName, ios::in);

for(int i=1; !file.eof(); i++)

{

file.getline(line, 80);

cout << i <<": " << line << endl;

if (i % 24 == 0)

{

cout << "press any key to continue" << endl;

getchar();

cin.ignore();

}

}

file.close();

return 0;

}Text

Description automatically generated

Text

Description automatically generated

7c

#include <iostream>

#include <fstream>

using namespace std;

int main()

{

string filename;

string line;

fstream fin;

int count = 1;

cout << "Enter file name ::: " ;

getline(cin,filename);

fin.open(filename.c\_str(), ios::in );

if(!fin)

{

cout << " Error openning the file\n";

return -1;

}

while( getline(fin, line ))

{

cout << "line " << count << " : " <<line << endl;

if(count % 24 == 0)

{

cout << "Press enter to continue\n";

cin.get();

}

count++;

}

fin.close();

return 0;

}Text

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