#include <iostream>

#include <fstream>

using namespace std;

int main()

{

cout<<"\n\n ## Program to implement Random / Direct Access Files ##";

ofstream fout;

fout.open("One.txt",ios::out);

cout<<"\n Writing into the file ...";

cout<<"\n Location : "<<fout.tellp();

cout<<"\n Line 01 : Do you know";

fout<<"Do you know"<<endl;

cout<<"\n Location : "<<fout.tellp();

cout<<"\n Line 02 : Go to Hell";

fout<<"Go to Hell"<<endl;

cout<<"\n Location : "<<fout.tellp();

cout<<"\n Line 03 : You are an idiot ";

fout<<"You are an idiot"<<endl;

cout<<"\n Location : "<<fout.tellp();

fout.close();

ifstream fin;

fin.open("One.txt",ios::in);

cout<<"\n Reading from the file \n";

cout<<"\n Location : "<<fin.tellg();

cout<<"\n Shift Control to ";

fin.seekg(23,ios::beg);

cout<<"\n Location "<<fin.tellg();

cout<<"\n Reading \n ";

char c;

while(!fin.eof())

{

fin.get(c);

cout<<c;

}

cout<<"\n Conclusion we have directly accessed the line 03 of this file ";

fin.close();

}