

Answer on Question #39674- Programming, C++

1. Write a C++ program to read each line of the input file, calculate the degrees in decimal for latitude and longitude and write the results to the output file.

Solution.

```
#include <iostream>
#include <fstream>

using namespace std;
void outputf(double a);
int main()
{
    double a,b;

    cout<<"\n Enter the number: ";
    cin>>a;
    b=pow(a,2);cout<<"\n >>="<<b;

    cout<<"\n Enter the file name for the record number: \n";
    outputf(b);
    cout<<endl;
    return 0;
}

void outputf(double a)
{
    ofstream f1;
    f1.open("D:\\filename.txt");

    if (!f1.fail())
    {
        f1<<a;
        f1.close();
    }
    else
    {
        cout<<"\n Error opening file"; return;
    }
}
```

```
d:\Projects\Qqw\Debug\Qqw.exe  
Enter the number: 17  
>>=289  
Enter the file name for the record number:  
D:\\1.txt_
```