#include <io.h>

#include <vector>

#include <string>

#include <iostream>

using namespace std;

void getFilesall( string path, vector<string>& files)

{

long wFile = 0;

struct \_finddata\_t fileinfo;

string a;

if((wFile = \_findfirst(a.assign(path).append("\\\*").c\_str(),&fileinfo)) != -1)

{

do

{

if((fileinfo.attrib & \_A\_SUBDIR))

{

if(strcmp(fileinfo.name,".") != 0 && strcmp(fileinfo.name,"..") != 0)

{

files.push\_back(a.assign(path).append("\\").append(fileinfo.name) );

getFilesall( a.assign(path).append("\\").append(fileinfo.name), files );

}

}

else

{

files.push\_back(a.assign(path).append("\\").append(fileinfo.name) );

}

}while(\_findnext(wFile, &fileinfo) == 0);

\_findclose(wFile);

}

}

int main()

{

string filePath = "C:\\python";

vector<string> files;

getFilesall(filePath, files);

int size = files.size();

for (int i = 0;i<size;i++) {

cout<< files[i] << endl;

}

return 0;

}