OPEN SOURCE SOFTWARES

PROJECT 1 PHASE 2

```cpp
#include <iostream>
#include <io.h>
#include <time.h>
#include <string>
using namespace std;
string Chop(string &str)
{
    string res = str;
    int len = str.length();
    if (str[len - 1] == 'r')
    {
        res.replace(len - 1, 1," ");
    }
    len = str.length();
    if (str[len - 1] == 'n')
    {
        res.replace(len - 1, 1," ");
    }
    return res;
}
void DumpEntry(_finddata_t &data)
{
    string createtime(ctime(&data.time_create));
    cout << Chop(createtime) << "t";
    cout << data.size << "t";
    if ((data.attrib & _A_SUBDIR) == _A_SUBDIR)
    {
        cout << "[" << data.name << "]" << endl;
    }
    else
    {
        cout << data.name << endl;
    }
}
int main()
{
    _finddata_t data;
    int ff = _findfirst ("../*.*", &data);
    if (ff != -1)
    {
        int res = 0;
        while (res != -1)
        {
            DumpEntry(data);
            res = _findnext(ff, &data);
        }
        _findclose(ff);
    }
    system("pause");
}
```

The Output

```
t0t[HalilZafer_Ertas]
Wed Nov 06 18:27:26 2019
t119497tHalilZafer_Ertas.zip
Wed Aug 07 20:30:42 2019
t1446tMicrosoft Edge.lnk
Sun Nov 03 18:11:29 2019
t28202tProgress Form.docx
Sun Dec 01 16:57:54 2019
t0t[Project1_Phase 2]
Sun Dec 01 15:58:56 2019
t0t[Project1_Phase1]
Mon Dec 02 02:33:36 2019
t403757tProject1_Phase1.rar
Mon Dec 02 02:34:04 2019
t419568tProject1_Phase1.zip
Mon Nov 18 21:21:21 2019
t9tsif.txt
Tue Nov 19 22:23:28 2019
t9335tspanish.pdf
Sun Dec 01 15:58:52 2019
t283tstructures.h
Sun Dec 01 15:57:45 2019
t0t[Yeni klas÷r]
Sun Dec 01 21:52:15 2019
t115445tzafer.png
Mon Oct 28 00:42:41 2019
t162t~$ci kut ispanyolca.pdf
Mon Nov 11 22:15:00 2019
t0t[¦ng cv]
Press any key to continue . . .
```
```
        DumpEntry(data);
        res = _findnext(ff, &data);
```

HALİL ZAFER ERTAŞ

B1405.010064