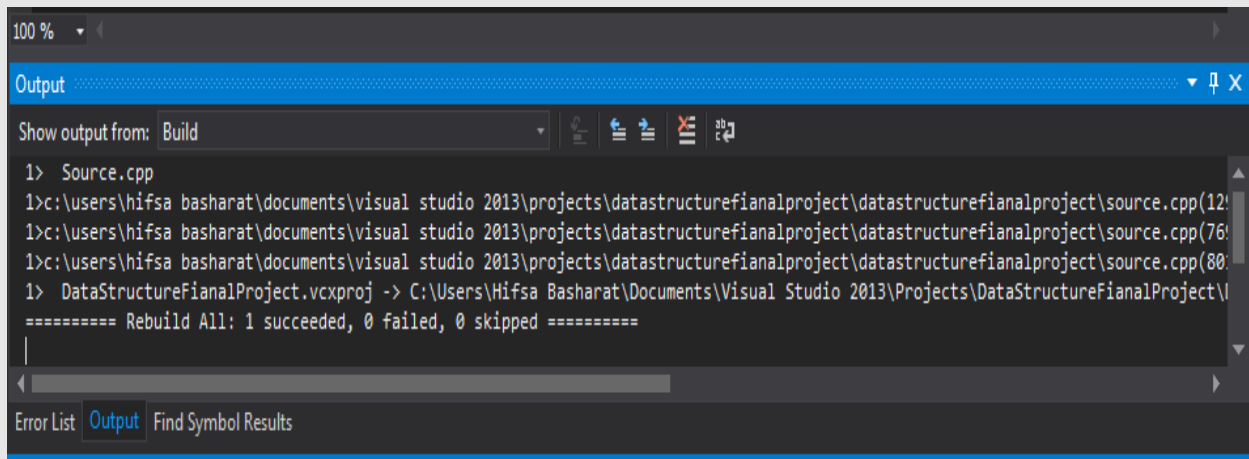


## 1. NO ERROR DETECTION

Screenshot is available here:

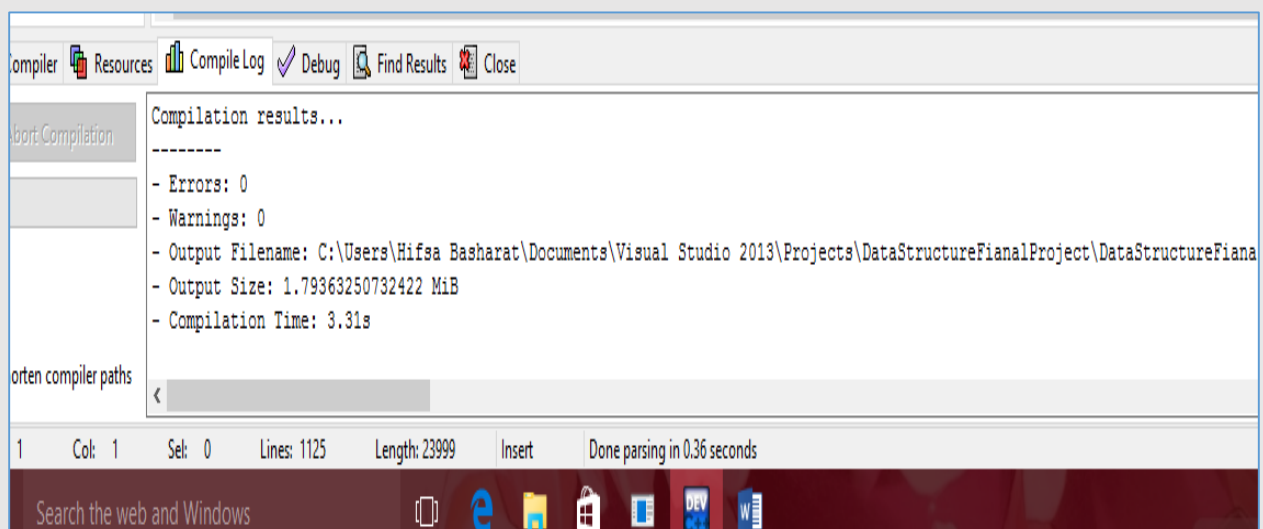
Error detection analysis is done on visual studio 2013 version and windows platform.



The screenshot shows the 'Output' window in Visual Studio 2013. The 'Show output from:' dropdown is set to 'Build'. The output text shows the compilation of 'Source.cpp' at various lines (12, 76, 80) and the final build status: 'Rebuild All: 1 succeeded, 0 failed, 0 skipped'. The window has a blue header and a scrollbar on the right.

```
100 %  
Output  
Show output from: Build  
1> Source.cpp  
1>c:\users\hifsa basharat\documents\visual studio 2013\projects\datastructurefianalproject\datastructurefianalproject\source.cpp(12:  
1>c:\users\hifsa basharat\documents\visual studio 2013\projects\datastructurefianalproject\datastructurefianalproject\source.cpp(76:  
1>c:\users\hifsa basharat\documents\visual studio 2013\projects\datastructurefianalproject\datastructurefianalproject\source.cpp(80:  
1> DataStructureFianalProject.vcxproj -> C:\Users\Hifsa Basharat\Documents\Visual Studio 2013\Projects\DataStructureFianalProject\  
===== Rebuild All: 1 succeeded, 0 failed, 0 skipped =====  
|  
Error List Output Find Symbol Results
```

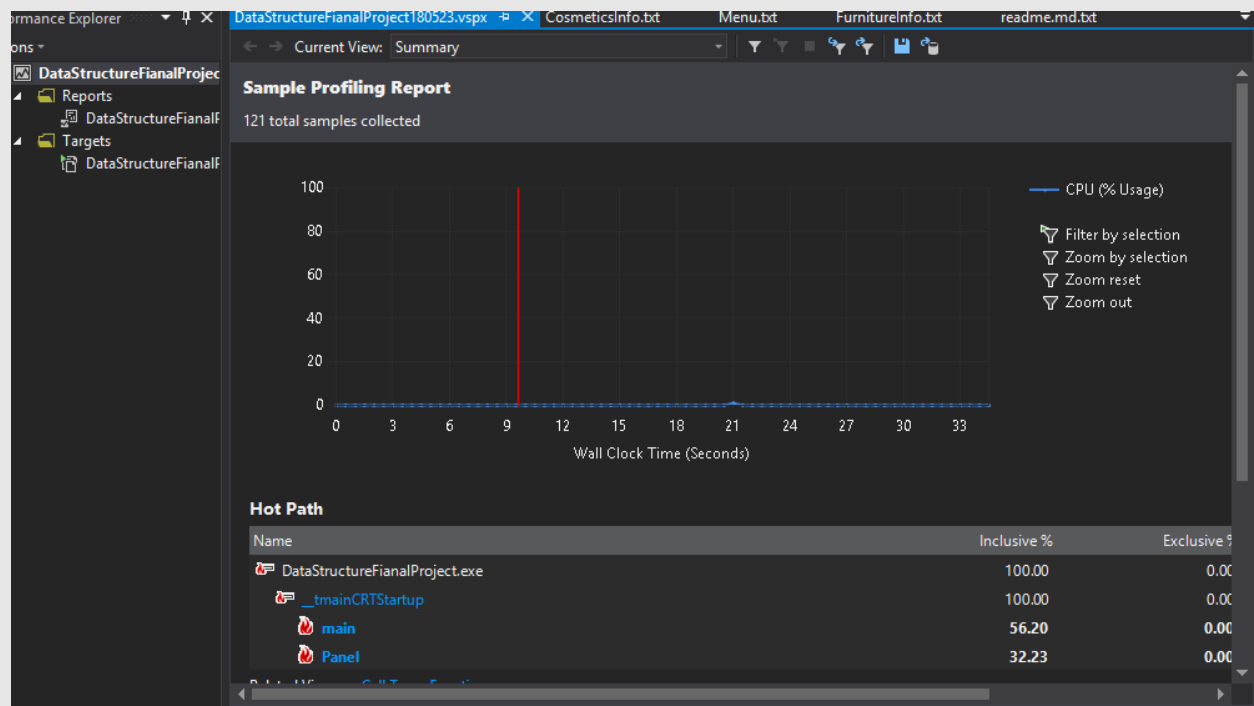
## 2. COMPILATION TIME(3 sec) & SIZE OF CODE ASS COMPARED TO DEV C++



The screenshot shows the 'Compile Log' window in Visual Studio 2013. The window title is 'Compiler Resources Compile Log Debug Find Results Close'. The 'Compilation results...' section shows: 'Errors: 0', 'Warnings: 0', 'Output Filename: C:\Users\Hifsa Basharat\Documents\Visual Studio 2013\Projects\DataStructureFianalProject\DataStructureFiana', 'Output Size: 1.79363250732422 MiB', and 'Compilation Time: 3.31s'. The 'Output compiler paths' section is empty. The status bar at the bottom shows '1 Col: 1 Sel: 0 Lines: 1125 Length: 23999 Insert Done parsing in 0.36 seconds'. The Windows taskbar is visible at the bottom.

```
Compiler Resources Compile Log Debug Find Results Close  
Compilation results...  
-----  
- Errors: 0  
- Warnings: 0  
- Output Filename: C:\Users\Hifsa Basharat\Documents\Visual Studio 2013\Projects\DataStructureFianalProject\DataStructureFiana  
- Output Size: 1.79363250732422 MiB  
- Compilation Time: 3.31s  
Output compiler paths  
1 Col: 1 Sel: 0 Lines: 1125 Length: 23999 Insert Done parsing in 0.36 seconds  
Search the web and Windows
```

### 3. SAMPLE PROFILLING REPORT FOR PERFORMANCE CHEACKING



#### Hot Path

Name	Inclusive %	Exclusive %
DataStructureFianalProject.exe	100.00	0.00
__tmainCRTStartup	100.00	0.00
main	56.20	0.00
Panel	32.23	0.00

Related Views: [Call Tree](#) [Functions](#)

#### Functions Doing Most Individual Work

Name	Exclusive Samples %
[msvcpr120.dll]	71.07
[msvcr120.dll]	28.93
__tmainCRTStartup	0.00
std::basic_ifstream<char,std::char_traits<char> >::basic_ifstream<char,std::char_traits<char> >	0.00
std::operator<<<std::char_traits<char> >	0.00

## 4. TRIMMED CALL TREE

<div> <div></div> <div>Noise Reduction is enabled for this view. <a href="#">Configure...</a></div> </div>					
Function Name	Inclusive Samples	Exclusive Samples	Inclusive Samples %	Exclusive Samples %	Module Name
↳ DataStructureFianalProj	121	0	100.00	0.00	
↳ _tmainCRTStartup	121	0	100.00	0.00	DataStructureFianalProj
↳ main	68	0	56.20	0.00	DataStructureFianalProj
↳ [msvcr120.dll]	22	22	18.18	18.18	msvcr120.dll
↳ std::operator<	21	0	17.36	0.00	DataStructureFianalProj
↳ [msvcpr120.dll]	21	21	17.36	17.36	msvcpr120.dll
↳ loginverificati	9	0	7.44	0.00	DataStructureFianalProj
↳ std::operator<	8	0	6.61	0.00	DataStructureFianalProj
↳ [msvcpr120.dll]	8	8	6.61	6.61	msvcpr120.dll
↳ Panel	39	0	32.23	0.00	DataStructureFianalProj
↳ std::operator<	30	0	24.79	0.00	DataStructureFianalProj
↳ [msvcpr120.dll]	30	30	24.79	24.79	msvcpr120.dll
↳ [msvcr120.dll]	7	7	5.79	5.79	msvcr120.dll
↳ welcomenote	12	0	9.92	0.00	DataStructureFianalProj
↳ std::operator<	12	0	9.92	0.00	DataStructureFianalProj
↳ [msvcpr120.dll]	12	12	9.92	9.92	msvcpr120.dll