

Output

Show output from: Debug

```
'Project3.exe' (Win32): Loaded 'C:\Windows\System32\vcruntime140_id.dll'.
'Project3.exe' (Win32): Loaded 'C:\Windows\System32\ucrtbased.dll'.
The thread 0x3f64 has exited with code 0 (0x0).
'Project3.exe' (Win32): Loaded 'C:\Windows\System32\kernel.appcore.dll'.
'Project3.exe' (Win32): Loaded 'C:\Windows\System32\msvcrt.dll'.
'Project3.exe' (Win32): Loaded 'C:\Windows\System32\rpcrt4.dll'.
The thread 0x3358 has exited with code 0 (0x0).
The thread 0x5e4c has exited with code 0 (0x0).
The program '[13828] Project3.exe' has exited with code 0 (0x0).
```

Microsoft Visual Studio Debug Console

```
ID='42', Name='Ann', Major='CS'
ID='32', Name='Bob', Major='CS'
ID='64', Name='Ned', Major='EE'
ID='16', Name='Jim', Major='EE'
```

C:\Cs 236\Project3\x64\Debug\Project3.exe (process 13828) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debug
le when debugging stops.

Press any key to close this window . . .

Activate Windows

Output

Show output from: Debug

```
'Project3.exe' (Win32): Loaded 'C:\Windows\System32\msvcpl140d.dll'.
'Project3.exe' (Win32): Loaded 'C:\Windows\System32\vcruntime140d.dll'.
'Project3.exe' (Win32): Loaded 'C:\Windows\System32\vcruntime140_id.dll'.
'Project3.exe' (Win32): Loaded 'C:\Windows\System32\ucrtbased.dll'.
The thread 0x5180 has exited with code 0 (0x0).
'Project3.exe' (Win32): Loaded 'C:\Windows\System32\kernel.appcore.dll'.
'Project3.exe' (Win32): Loaded 'C:\Windows\System32\msvcrt.dll'.
'Project3.exe' (Win32): Loaded 'C:\Windows\System32\rpcrt4.dll'.
The thread 0x5920 has exited with code 0 (0x0).
The thread 0x635c has exited with code 0 (0x0).
The program '[2252] Project3.exe' has exited with code 0 (0x0).
```

Microsoft Visual Studio Debug Console

```
ID='42', Name='Ann', Major='CS'
ID='32', Name='Bob', Major='CS'
ID='64', Name='Ned', Major='EE'
ID='16', Name='Jim', Major='EE'
```

relation:

```
ID='16', Name='Jim', Major='EE'
ID='32', Name='Bob', Major='CS'
ID='42', Name='Ann', Major='CS'
ID='64', Name='Ned', Major='EE'
```

C:\Cs 236\Project3\x64\Debug\Project3.exe (process 2252) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->
le when debugging stops.

Press any key to close this window . . .

Activate Windows
Go to Settings to activate Windows

```
17 { '32', 'Bob', 'CS' },
18 { '64', 'Ned', 'EE' },
19 { '16', 'Jim', 'EE' },
20 };
21
22 for (auto& std::vector<std::string> & value : values) {
23     Tuple tuple(value);
24     cout << tuple.toString(scheme) << endl;
25     relation.addTuple(tuple);
26 }
27
28 cout << "relation:" << endl;
29 cout << relation.toString();
30
```

Output

Show output from: Debug

```
'Project3.exe' (Win32): Loaded 'C:\Windows\System32\msvcpl140d.dll'.
'Project3.exe' (Win32): Loaded 'C:\Windows\System32\vcruntime140d.dll'.
'Project3.exe' (Win32): Loaded 'C:\Windows\System32\vcruntime140_id.dll'.
'Project3.exe' (Win32): Loaded 'C:\Windows\System32\ucrtbased.dll'.
The thread 0x56ec has exited with code 0 (0x0).
'Project3.exe' (Win32): Loaded 'C:\Windows\System32\kernel.appcore.dll'.
'Project3.exe' (Win32): Loaded 'C:\Windows\System32\msvcrt.dll'.
'Project3.exe' (Win32): Loaded 'C:\Windows\System32\rpcrt4.dll'.
The thread 0x5cd4 has exited with code 0 (0x0).
The thread 0x40ec has exited with code 0 (0x0).
The program '[22232] Project3.exe' has exited with code 0 (0x0).
```

Microsoft Visual Studio Debug Console

```
ID='42', Name='Ann', Major='CS'
ID='32', Name='Bob', Major='CS'
ID='64', Name='Ned', Major='EE'
ID='16', Name='Jim', Major='EE'
```

relation:

```
ID='16', Name='Jim', Major='EE'
ID='32', Name='Bob', Major='CS'
ID='42', Name='Ann', Major='CS'
ID='64', Name='Ned', Major='EE'
```

C:\Cs 236\Project3\x64\Debug\Project3.exe (process 22232) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debug
le when debugging stops.

Press any key to close this window . . .

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