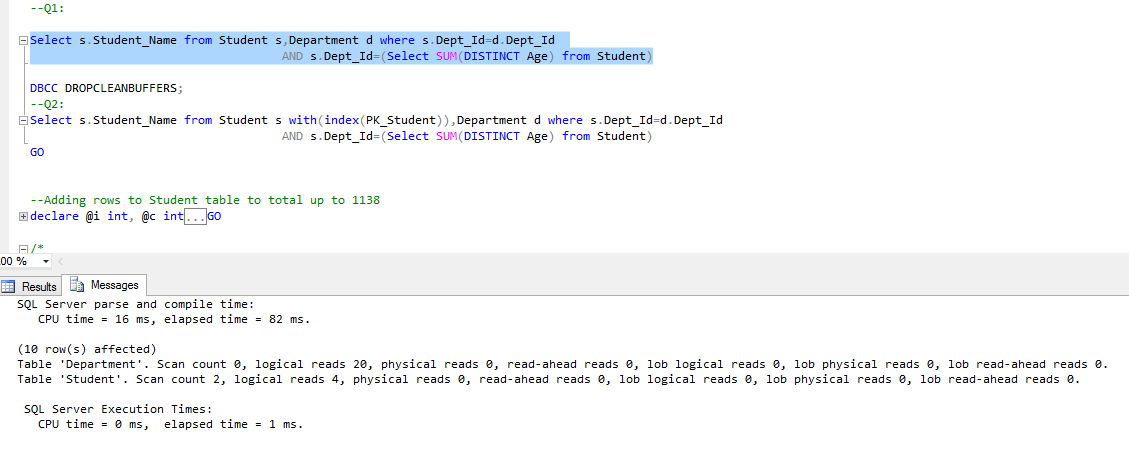
**EXECUTION PLANS**

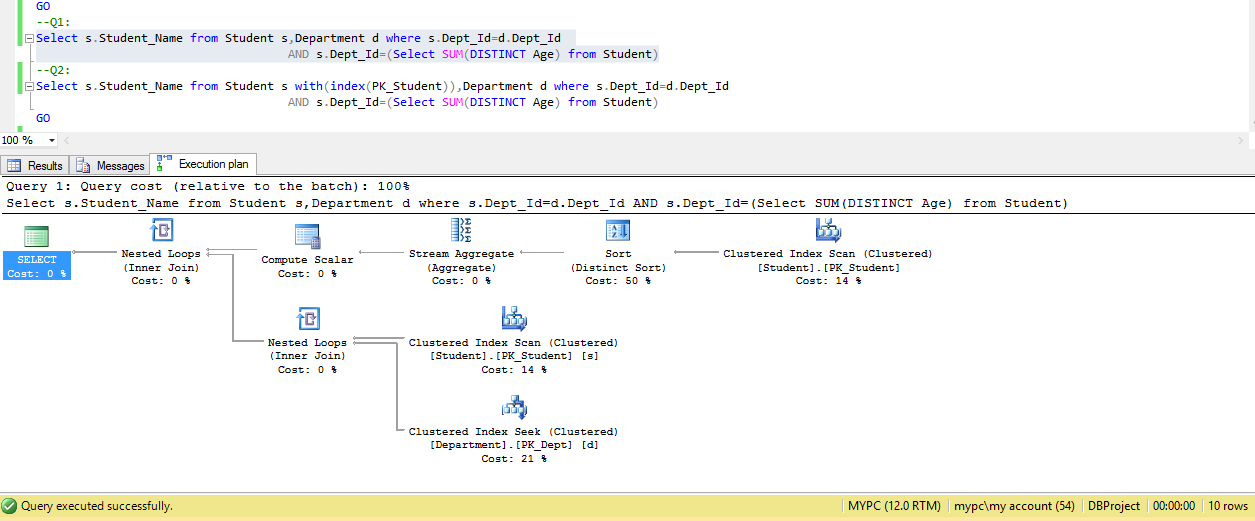
1. EXECUTION PLAN 1:

* For Query 1, Q1:

Statistics:

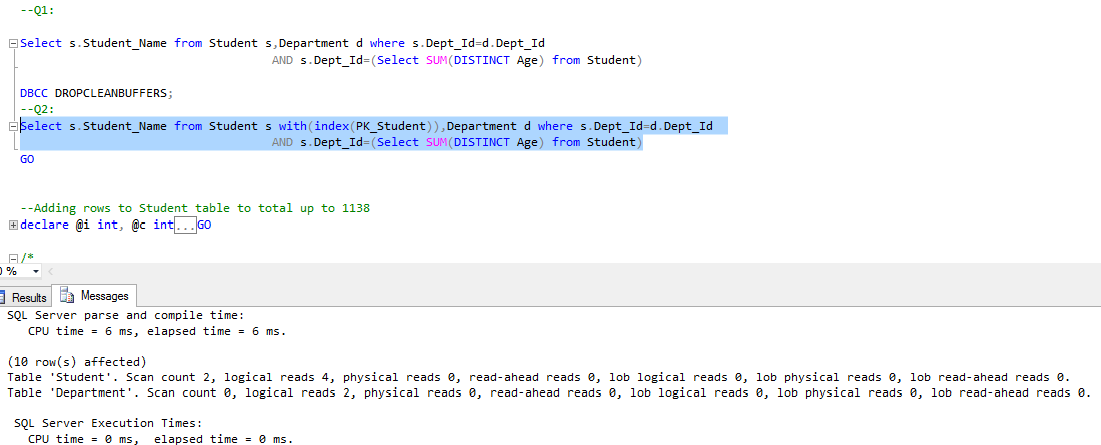
****

Execution Plan:

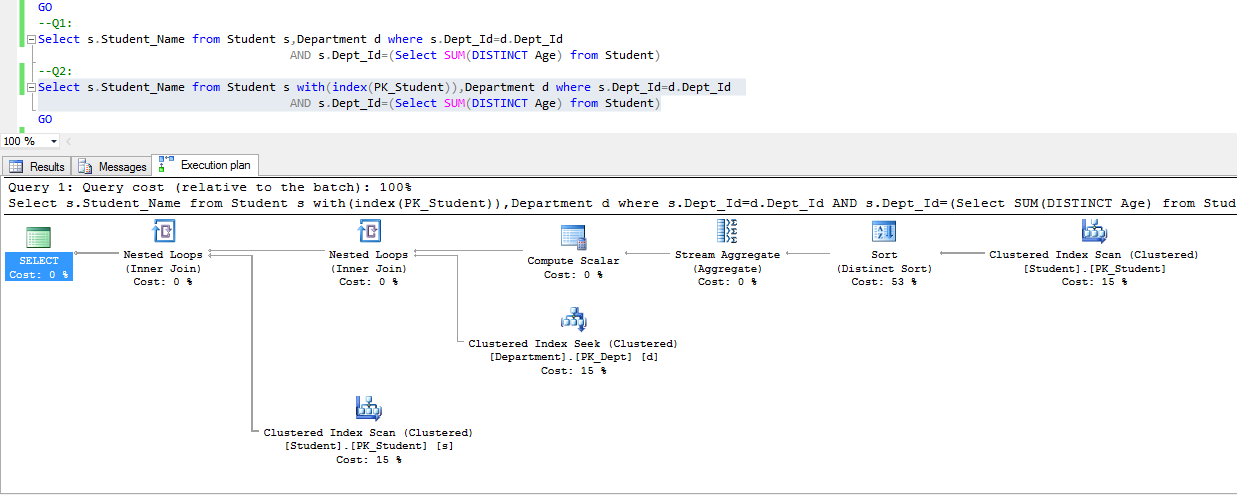


* For Query 2, Q2:

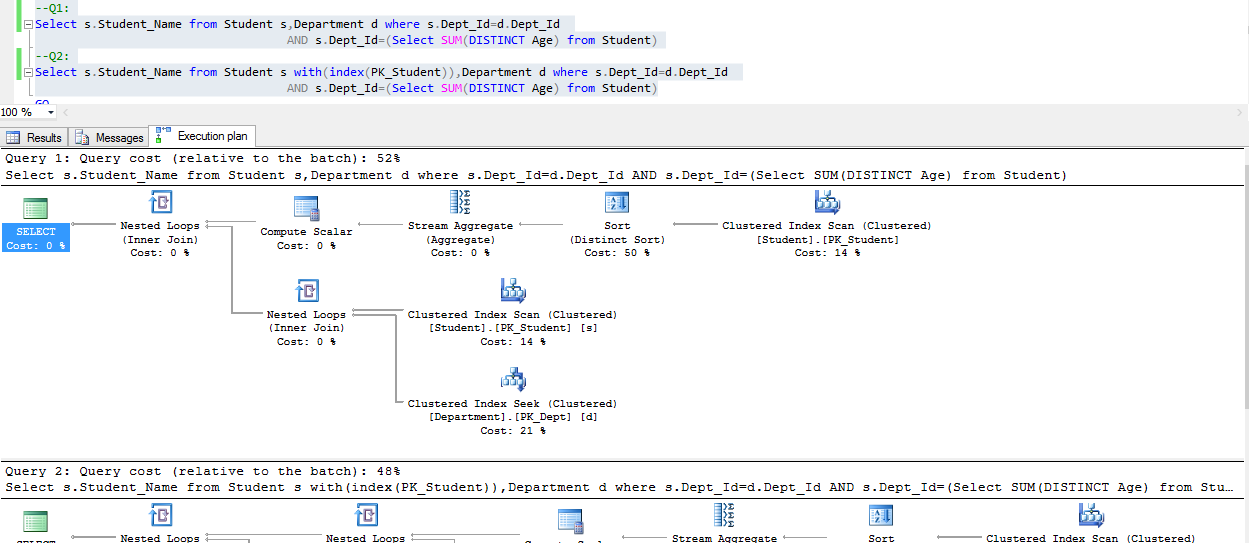
Statistics:



Execution Plan:



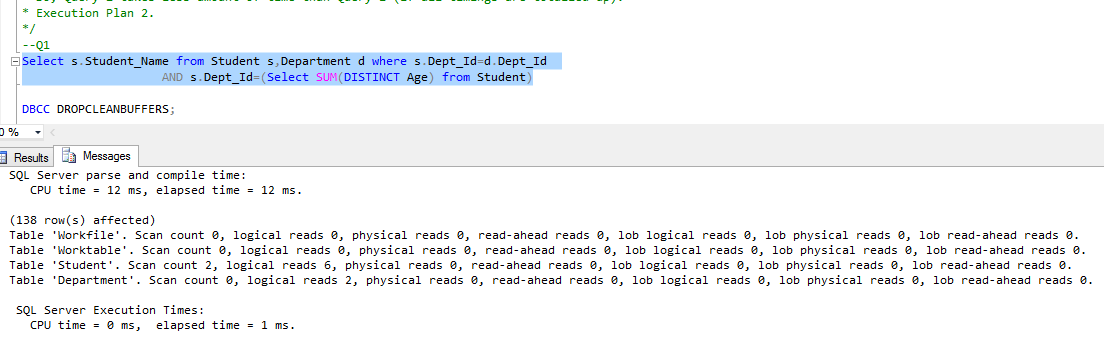
* Relative Cost of Q1 and Q2:

****

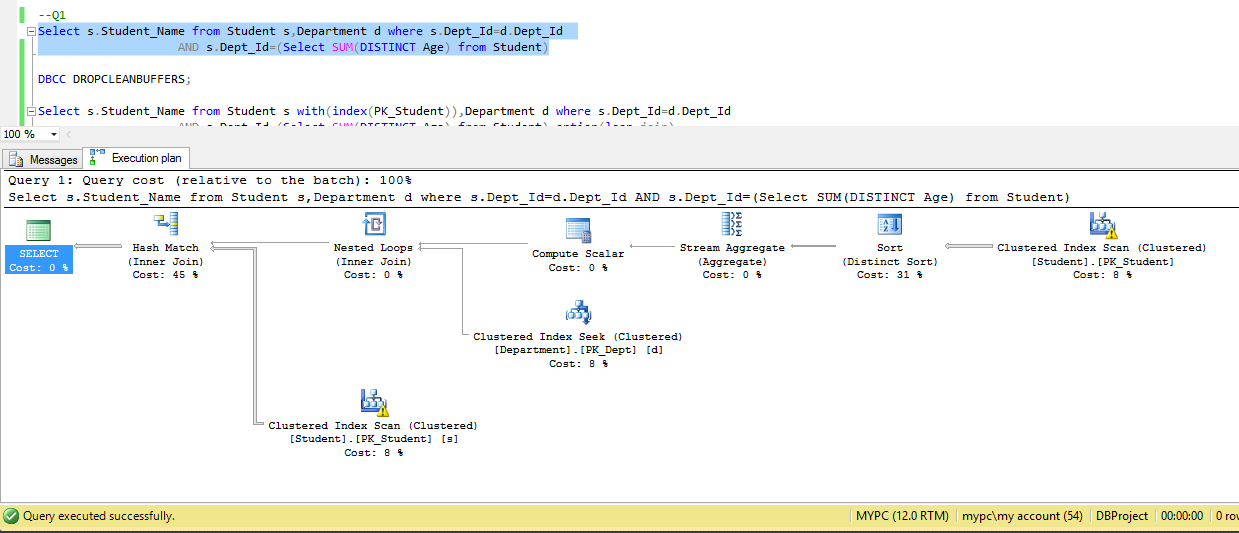
1. **EXECUTION PLAN 2**

* For Query, Q1:

Statistics

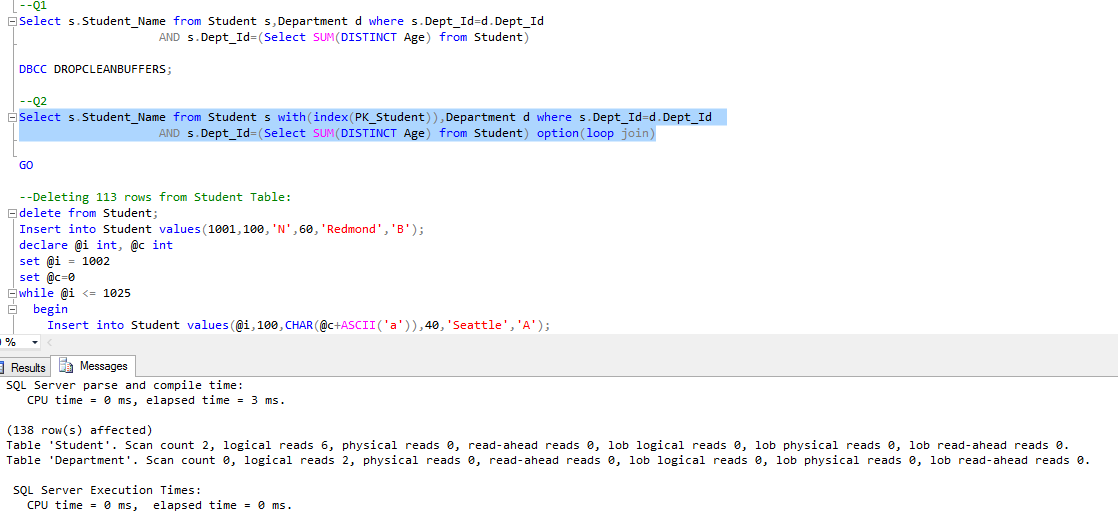
****

Execution Plan

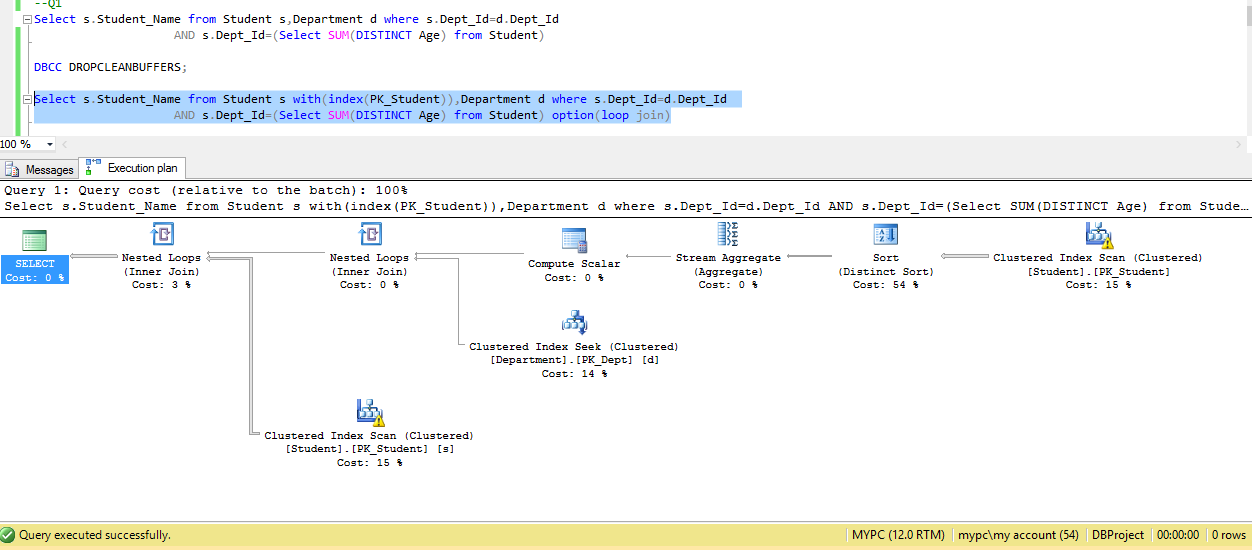


* For Query,Q2

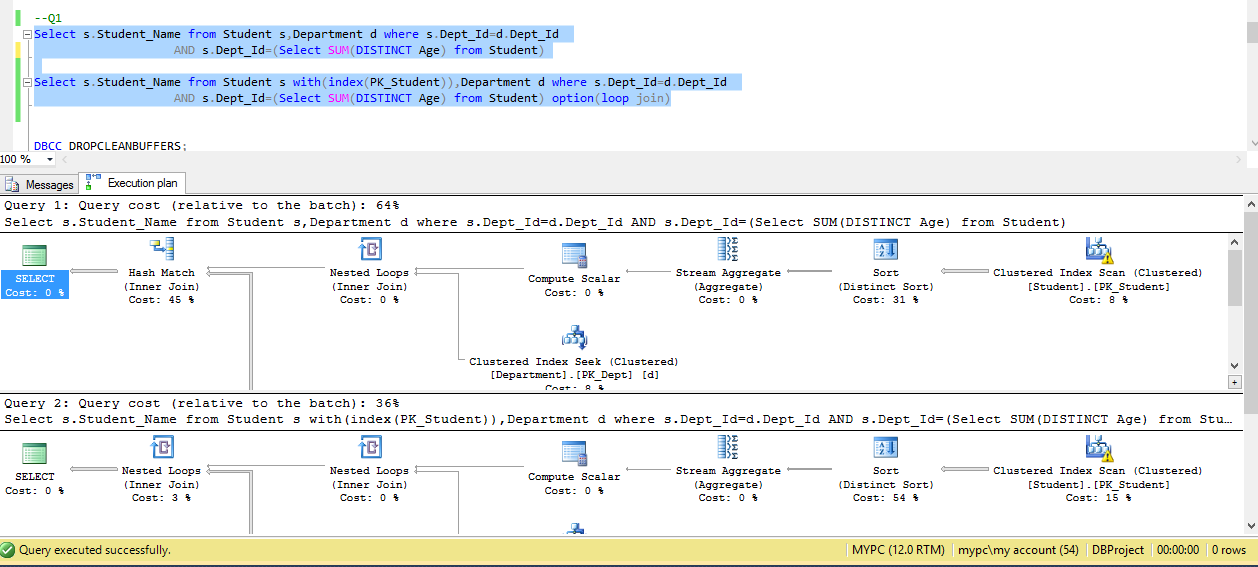
Statistics



Execution Plan



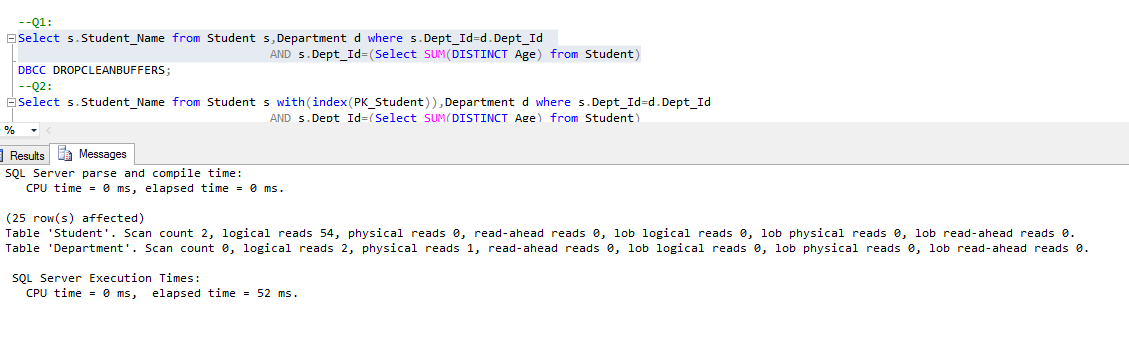
* Relative Cost of Q1 and Q2:



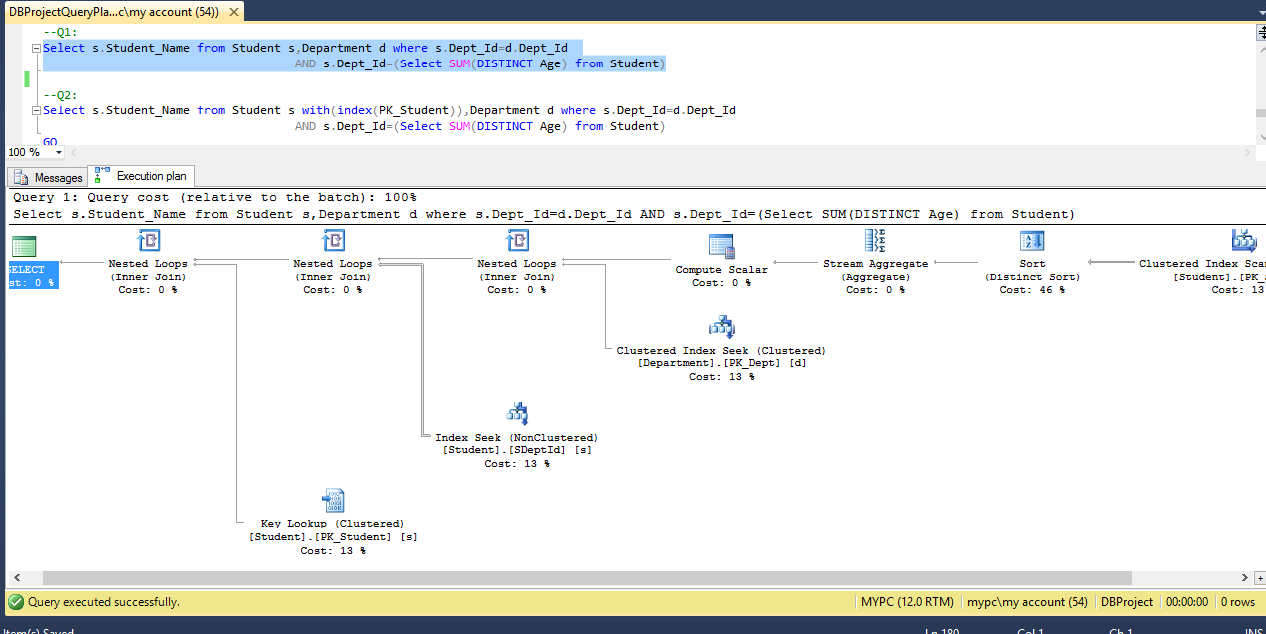
1. **EXECUTION PLAN 3**

* For Query, Q1:

Statistics

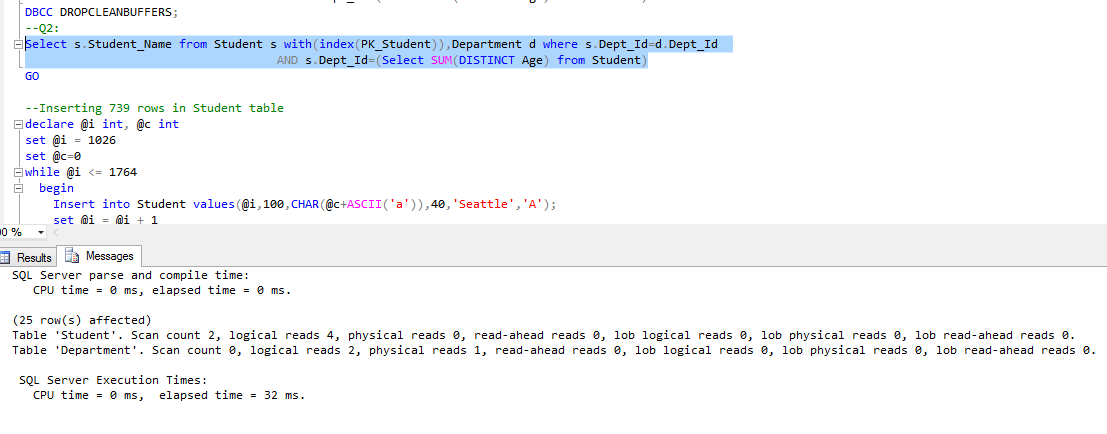


Execution Plan

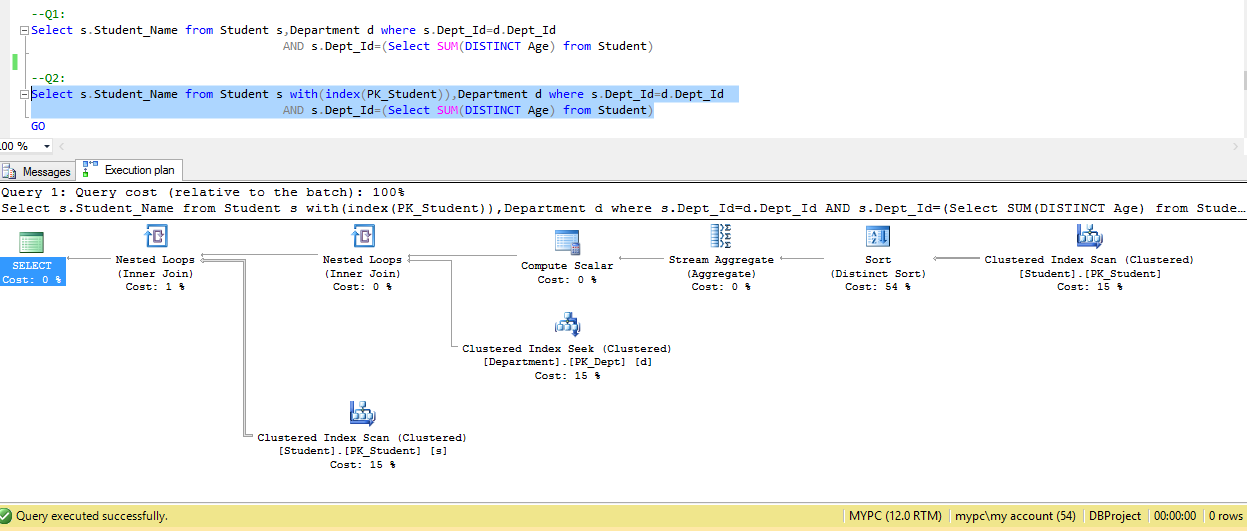


* For Query,Q2

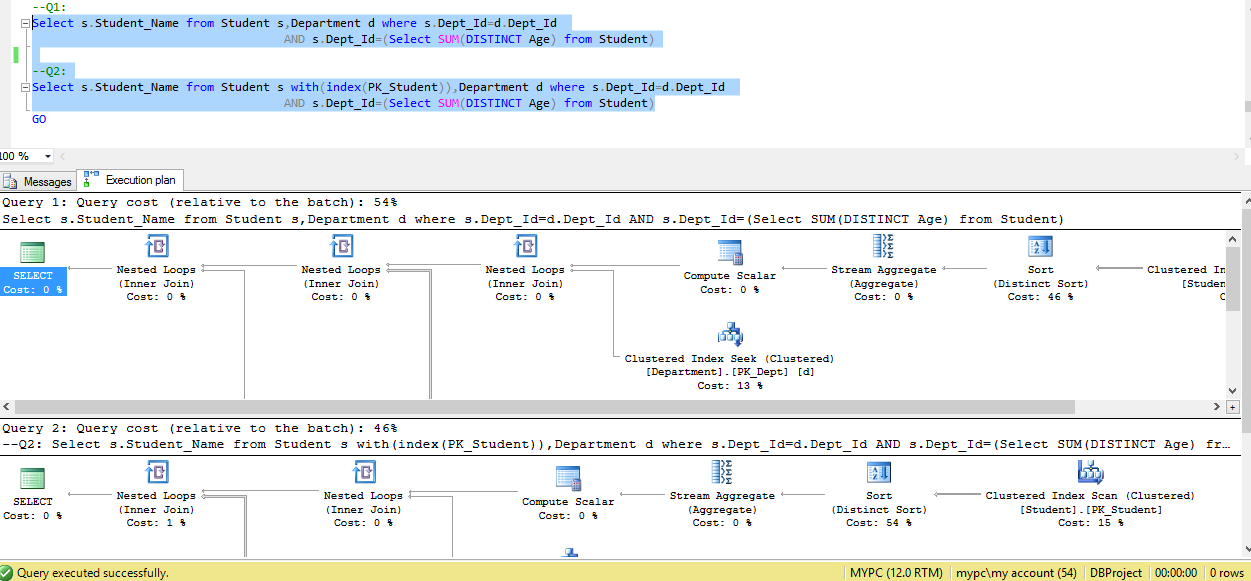
Statistics



Execution Plan



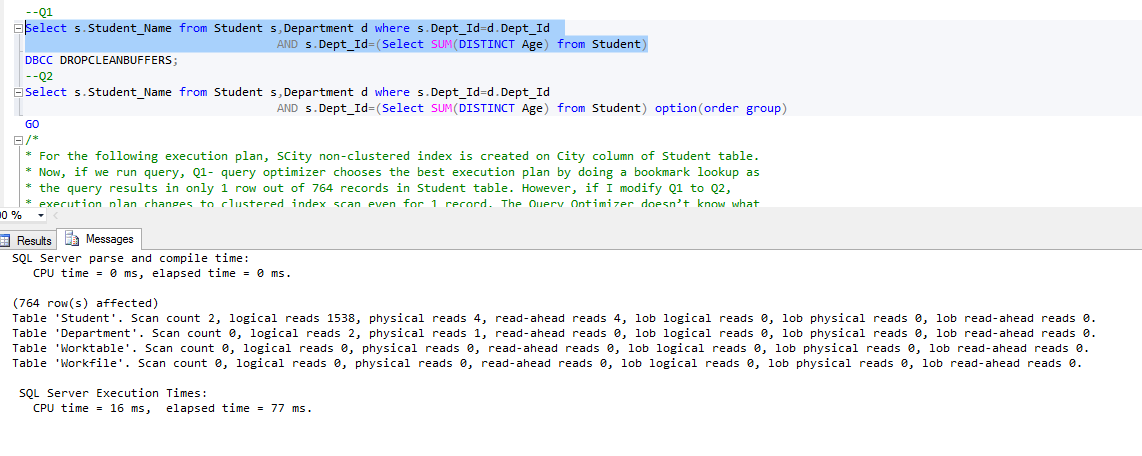
* Relative Cost of Q1 and Q2:



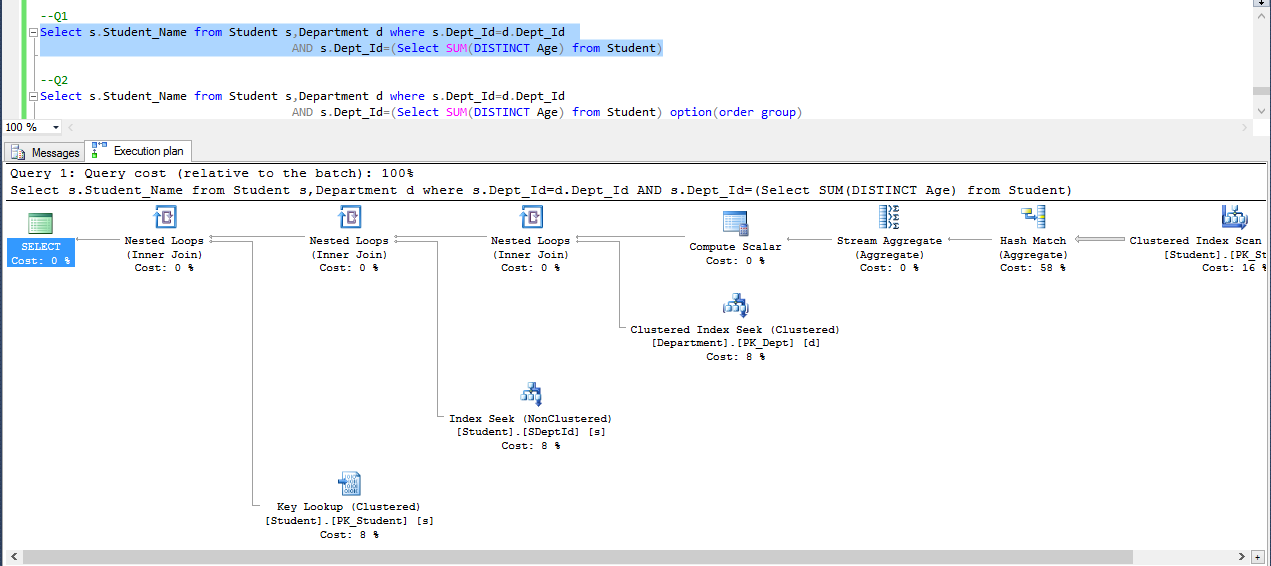
1. **EXECUTION PLAN 4**

* For Query, Q1:

Statistics

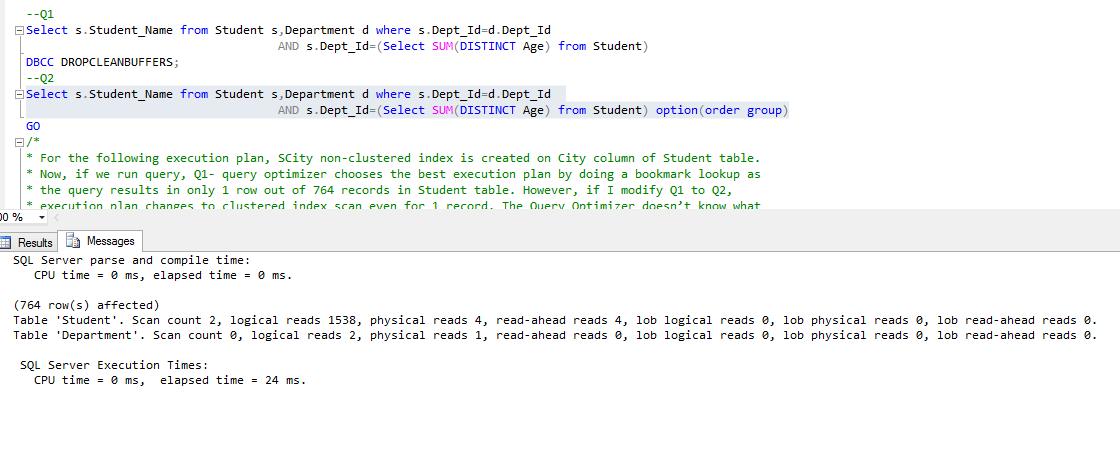


Execution Plan

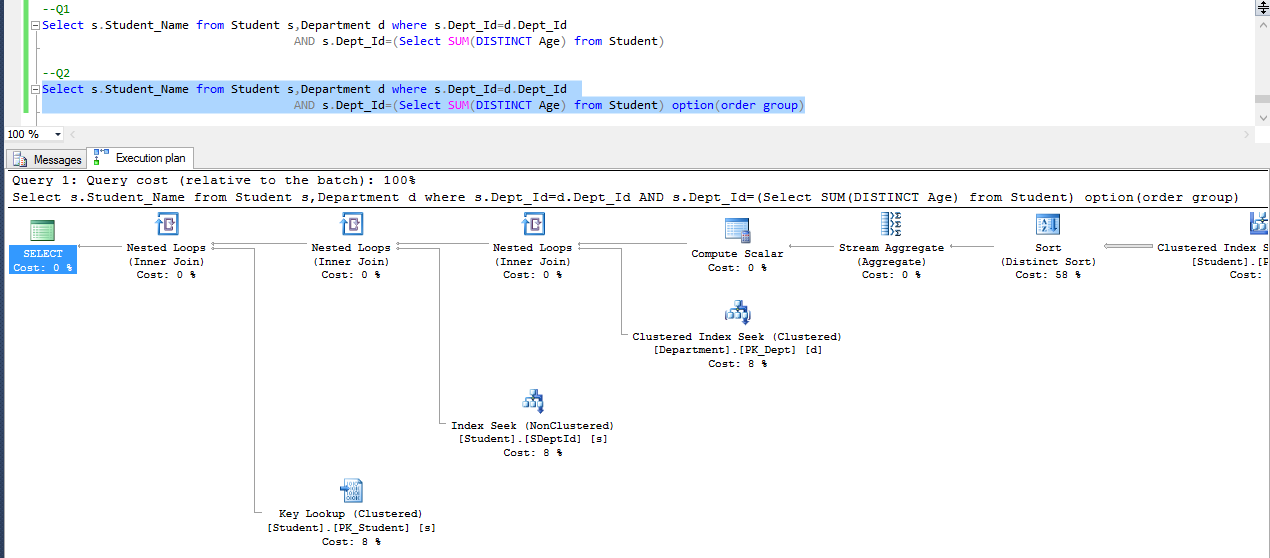


* For Query, Q2:

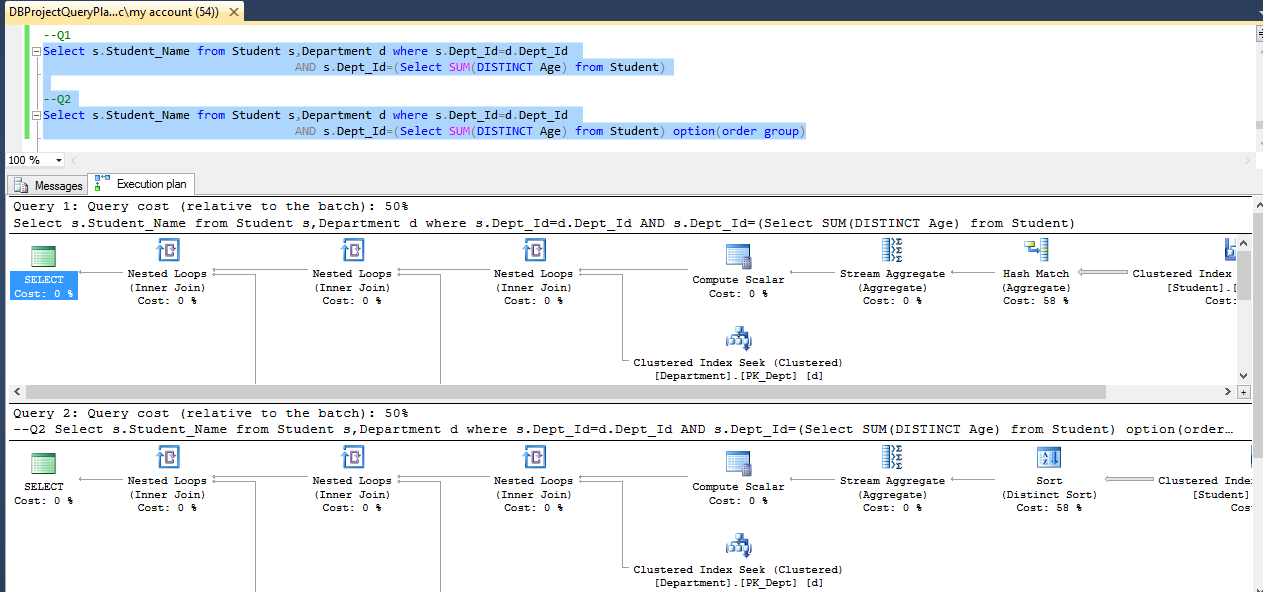
Statistics



Execution Plan



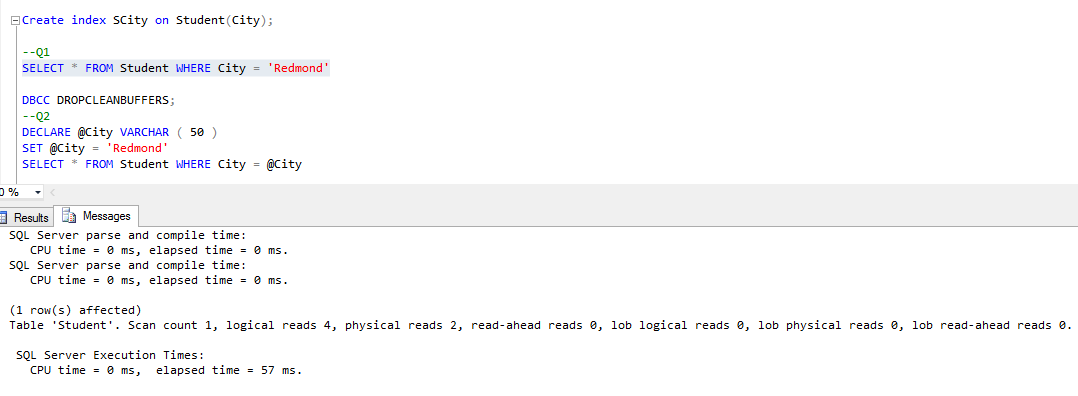
* Relative Cost of Q1 and Q2:



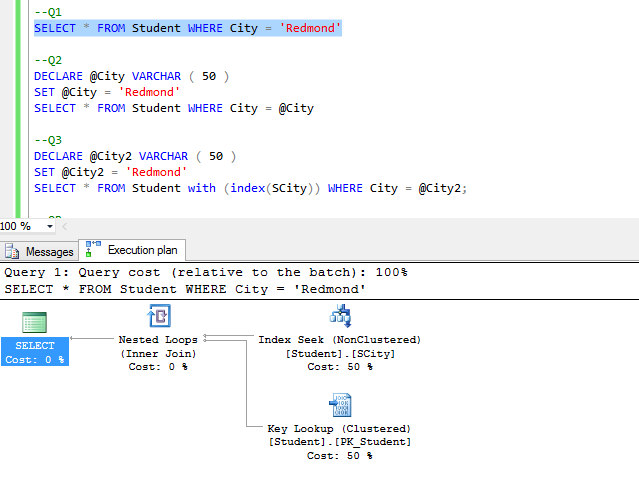
1. **EXECUTION PLAN 5**

* For Query, Q1:

Statistics



Execution Plan

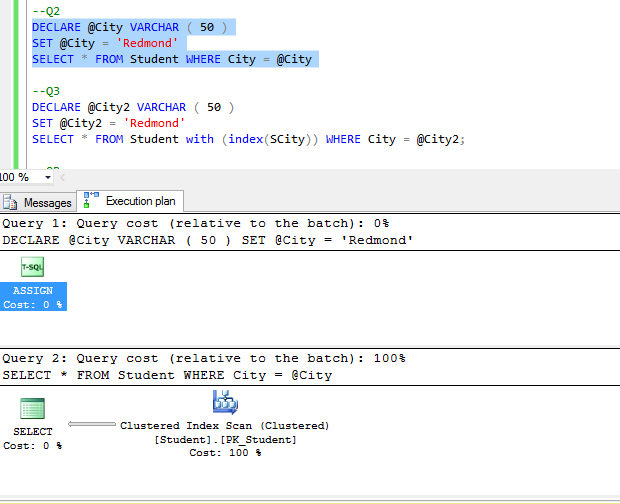
****

* For Query, Q2:

Statistics:

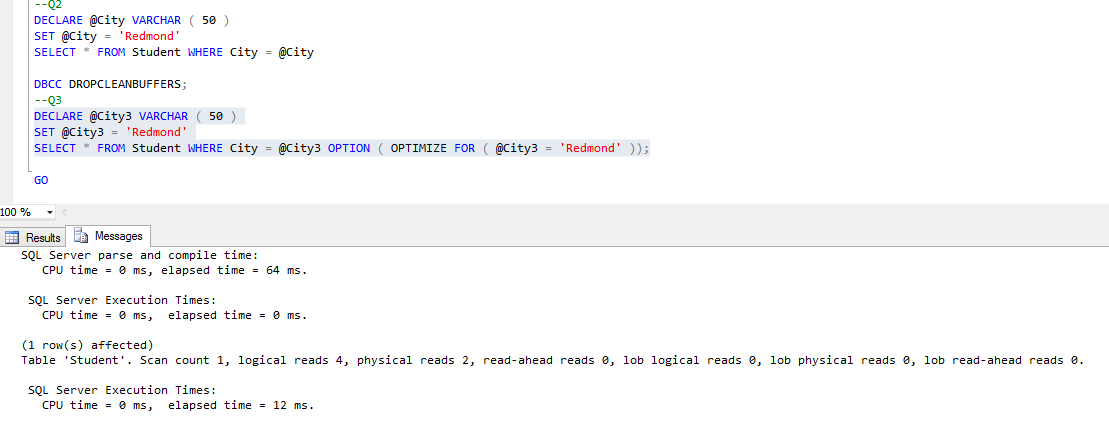


Execution Plan

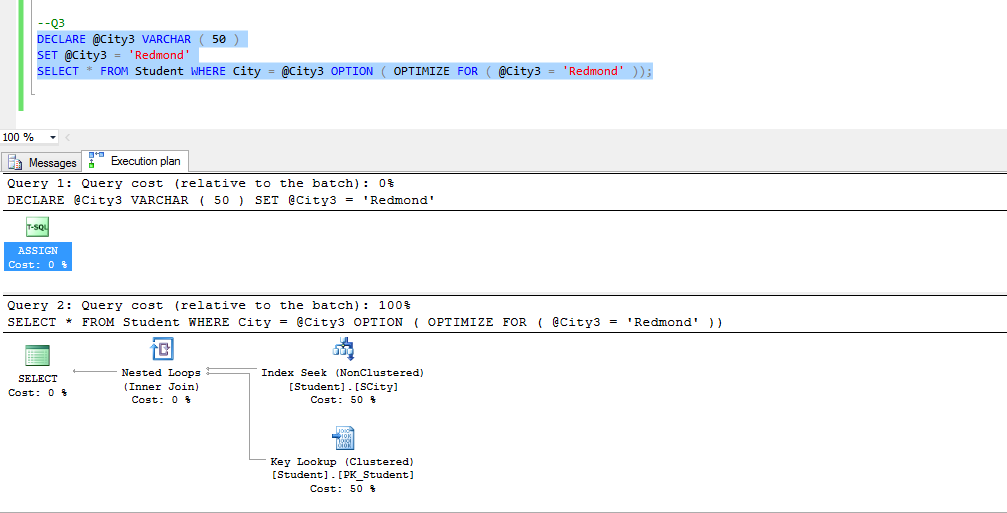


* For Query, Q3:

Statistics



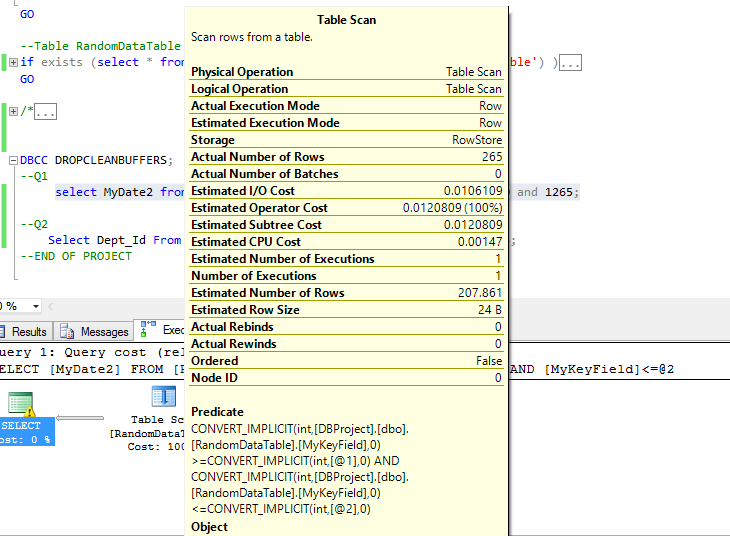
Execution Plan



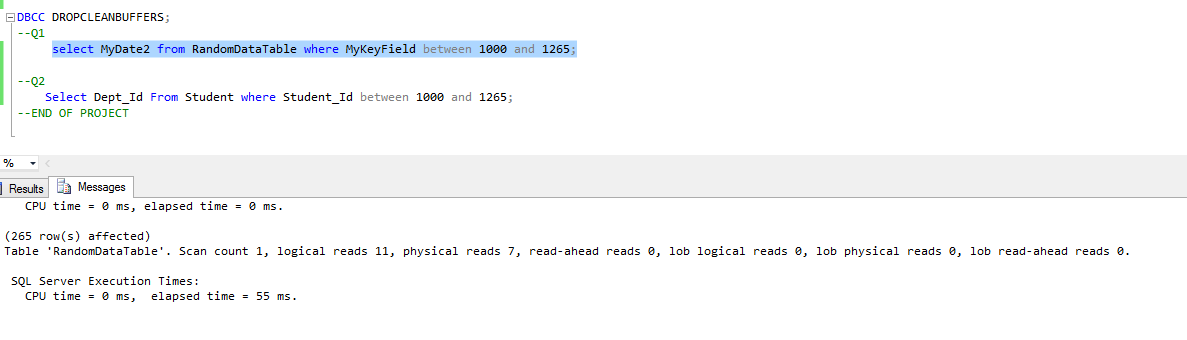
1. Execution Plan 6

For Query 1:

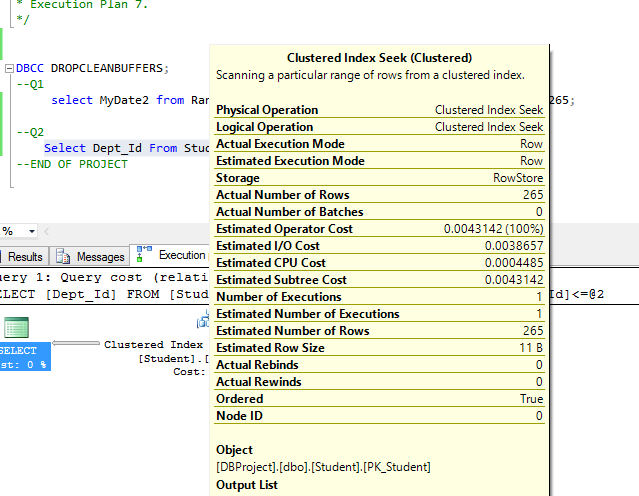
Estimation with Actual Execution Plan for Query Q1:



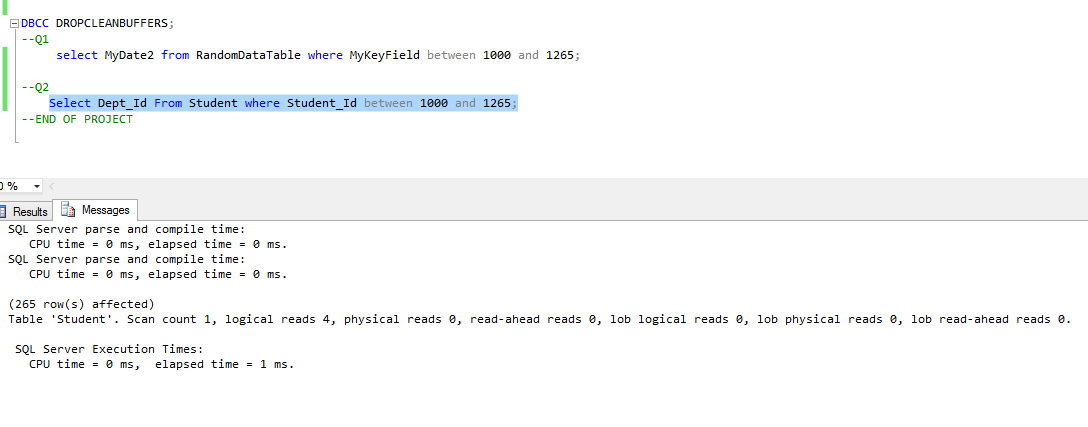
Statistics:



For Query 2,

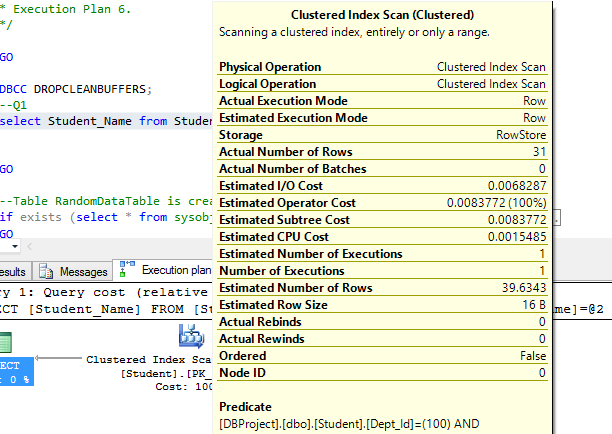


Statistics:



1. Execution Plan 7

Estimation with Actual Execution Plan for Query Q1:



Time and I/O estimation:

