Indexing Views, Temp and Variable Tables

**USF\_ID:U72254994(Venkata Satya Sai Lakshmi Lavanya)**

**Subject\_ID:ISM6218(Advanced Database Management System)**

**Procedure creation with recompile and without recompile option**

View with Index

Graphical user interface, text, application, email

Description automatically generated

Temp Table with index

Graphical user interface, text, application

Description automatically generated

Table Variable with index

Graphical user interface, text, application, email

Description automatically generated

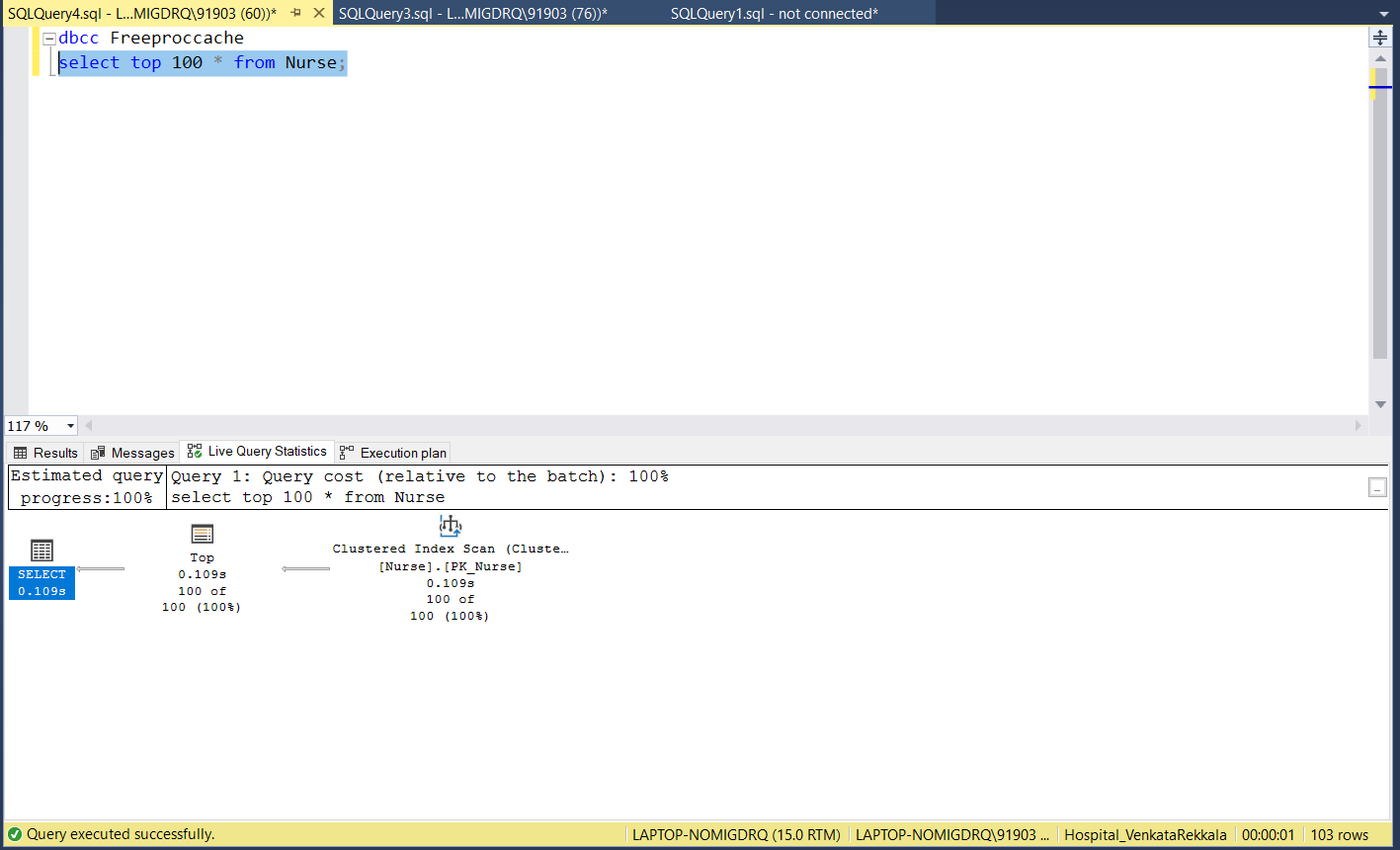
Query results with execution plans for the same query against all 3

(Temp\_table, variable table ,view &the production table)

Query Results and Execution Plan of the query on Production table(with primary\_key/clustered index)

Graphical user interface, application, table

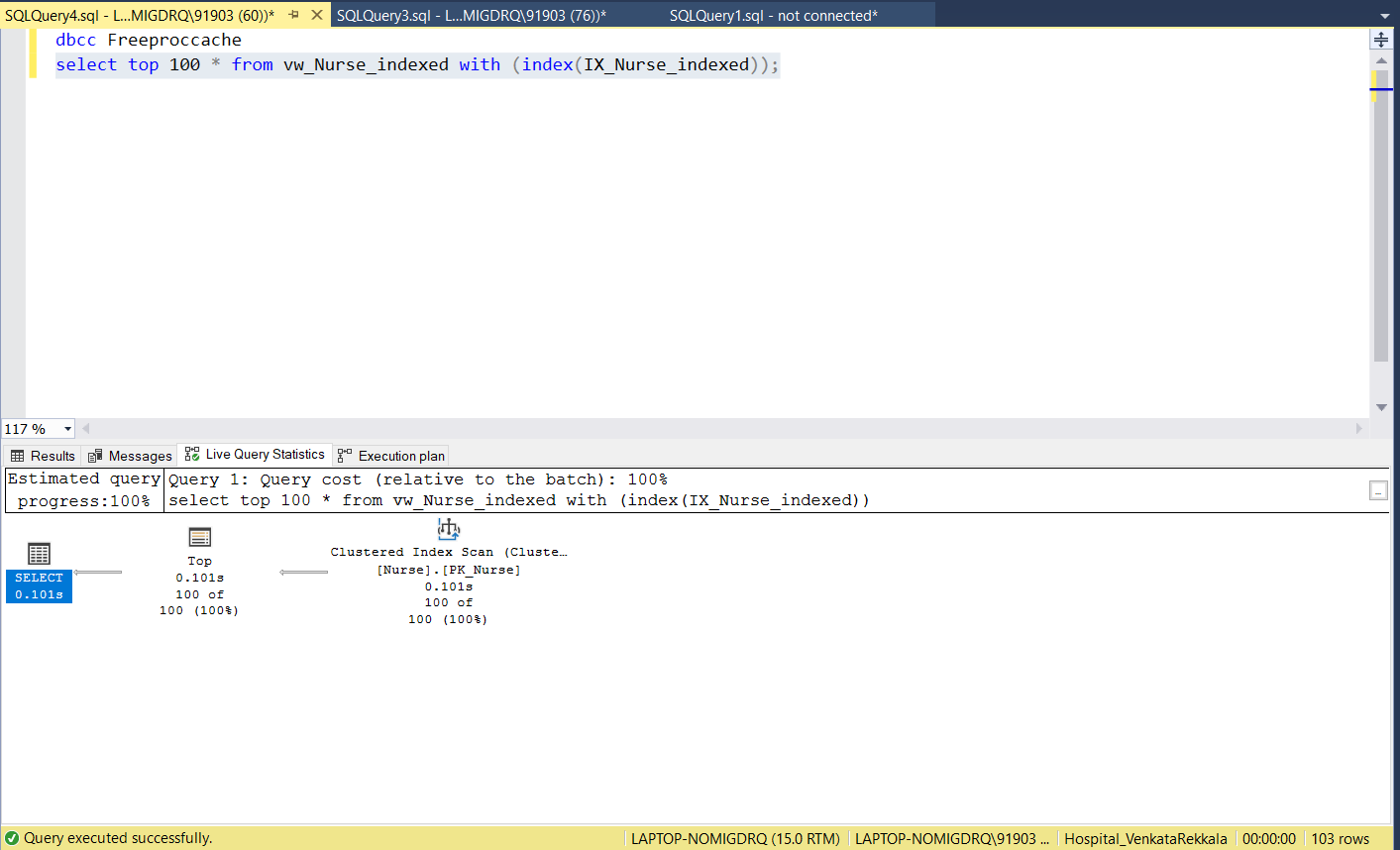
Description automatically generated



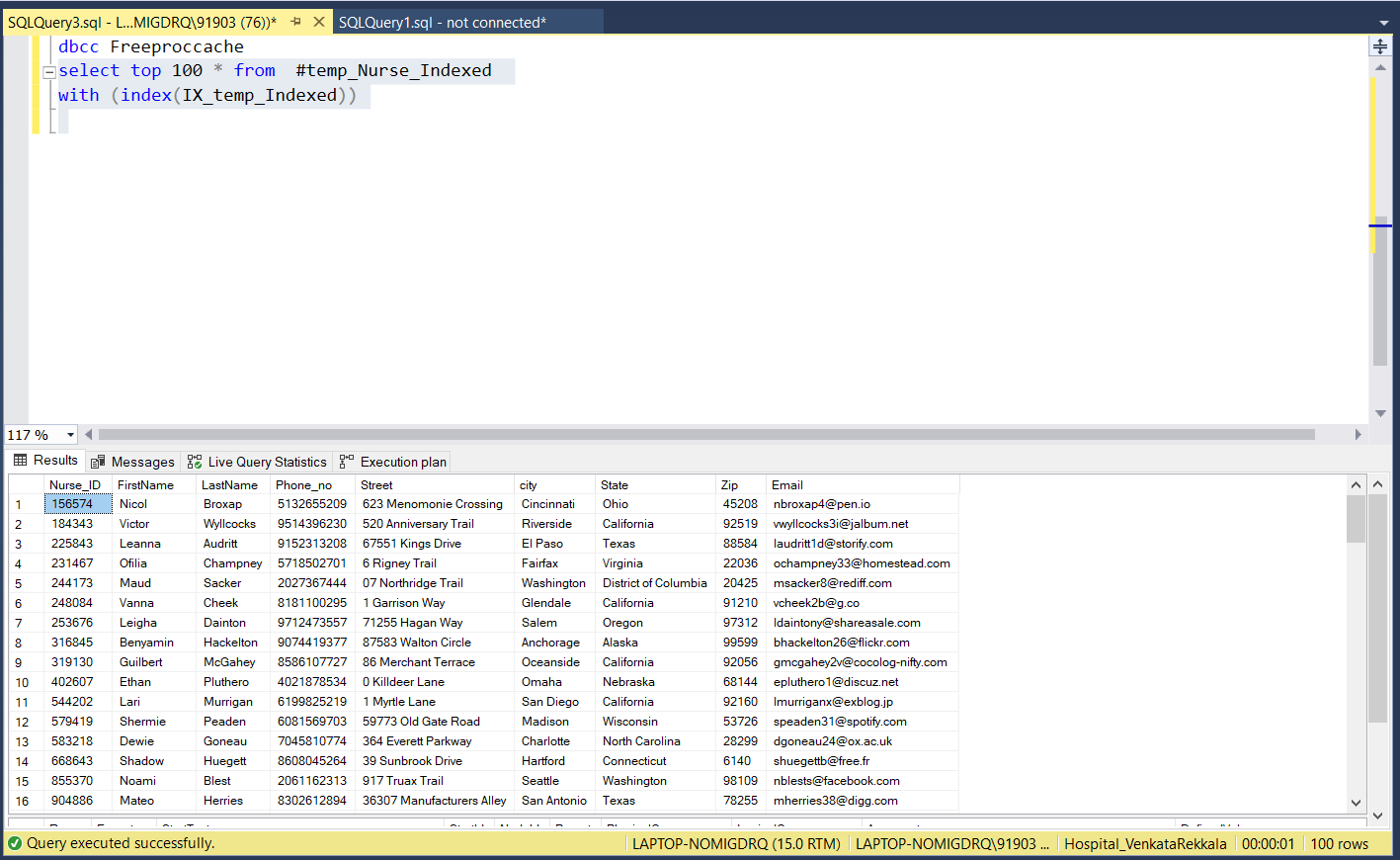
Query Results and Execution Plan of the query using View(Having Index)

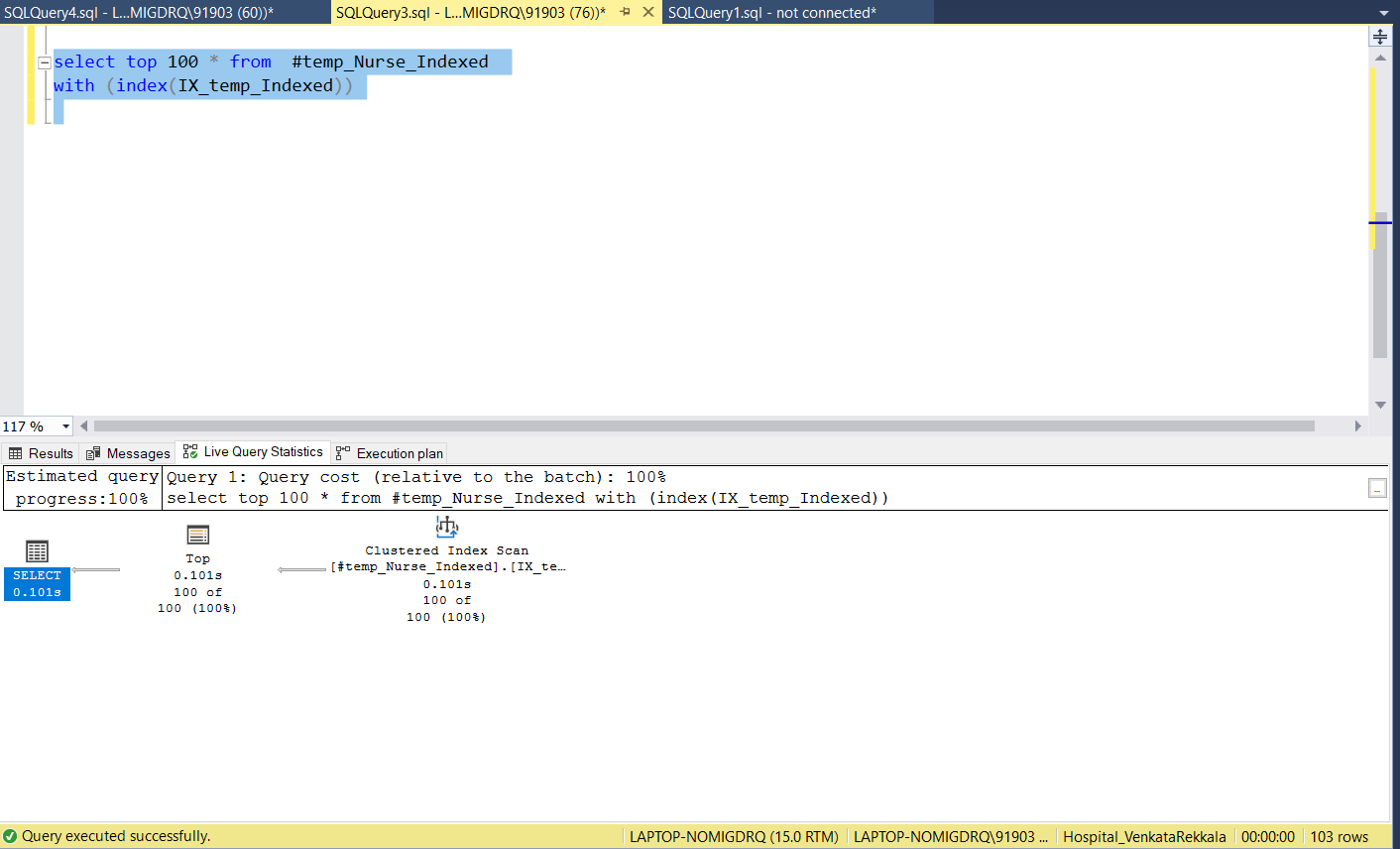
Graphical user interface, text, application

Description automatically generated



Query Results and Execution Plan of the query using Temp Table(Having Index)





Query Results and Execution Plan of the query using Table Variable(Having Index)

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated