USE [AdventureWorks2012]

GO

--When creating a single clustered index on a table, you chose only one column; options seen below discussed in next course

--Can only have ONE clustered index

CREATE CLUSTERED INDEX [ClusteredIndex-20150403-160607]

ON [dbo]. [Names] ([Fname] ASC)

WITH (PAD\_INDEX = OFF,

STATISTICS\_NORECOMPUTE = OFF,

SORT\_IN\_TEMPDB = OFF,

DROP\_EXISTING = OFF,

ONLINE = OFF, ALLOW\_ROW\_LOCKS = ON,

ALLOW\_PAGE\_LOCKS = ON)

GO

--Creating a non-clustered index on a table; can have many non-clustered indexes

CREATE NONCLUSTERED INDEX [NonClusteredIndex-20150403-161239]

ON [dbo]. [Names] ([Lname] ASC)

WITH (PAD\_INDEX = OFF,

STATISTICS\_NORECOMPUTE = OFF,

SORT\_IN\_TEMPDB = OFF,

DROP\_EXISTING = OFF,

ONLINE = OFF,

ALLOW\_ROW\_LOCKS = ON,

ALLOW\_PAGE\_LOCKS = ON)

GO

--Creating a UNIQUE non clustered index on a table; can have many non-clustered indexes

CREATE UNIQUE NONCLUSTERED INDEX [NonClusteredIndex-20150403-161450]

ON [dbo]. [Names] ([State] ASC)

WITH (PAD\_INDEX = OFF,

STATISTICS\_NORECOMPUTE = OFF,

SORT\_IN\_TEMPDB = OFF,

IGNORE\_DUP\_KEY = OFF,

DROP\_EXISTING = OFF,

ONLINE = OFF,

ALLOW\_ROW\_LOCKS = ON,

ALLOW\_PAGE\_LOCKS = ON)

GO

--Creating a composite non clustered index on a table; can have many non-clustered indexes

CREATE NONCLUSTERED INDEX [NonClusteredIndex-20150403-161629]

ON [dbo]. [Books] ([BookTitle] ASC, [BookAuthor] ASC)

WITH (PAD\_INDEX = OFF,

STATISTICS\_NORECOMPUTE = OFF,

SORT\_IN\_TEMPDB = OFF,

DROP\_EXISTING = OFF,

ONLINE = OFF,

ALLOW\_ROW\_LOCKS = ON,

ALLOW\_PAGE\_LOCKS = ON)

GO