1. Stored Procedure naming

**[ModuleSchema].[ModuleSchema\_SP\_Stored\_Procedure\_Action\_Name]**

**ModuleSchema** – Module Schema name like CST, GEN etc.

**SP –** It is a key to identity the SQL object as Stored Procedure

**Stored\_Procedure\_Action\_Name –** Use capital letter in word starting and all other letters should be small case (Camel Casing)

**Example:-**

[CST].[CST\_SP\_Direct\_Cost\_Labour\_Estimation\_Details\_Insert]

[CST].[CST\_SP\_Direct\_Cost\_Labour\_Estimation\_Details\_Update]

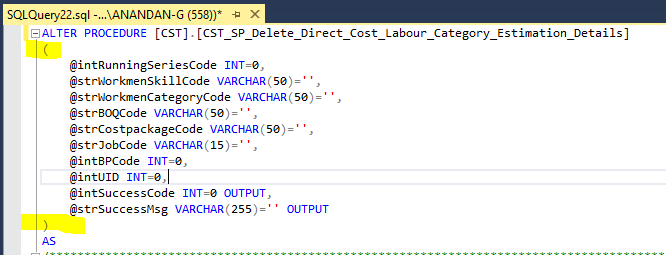
[CST].[CST\_SP\_Direct\_Cost\_Supporting\_Estimation\_Details\_Delete]

[CST].[CST\_SP\_Direct\_Cost\_Material\_Estimation\_Details\_List\_Get]

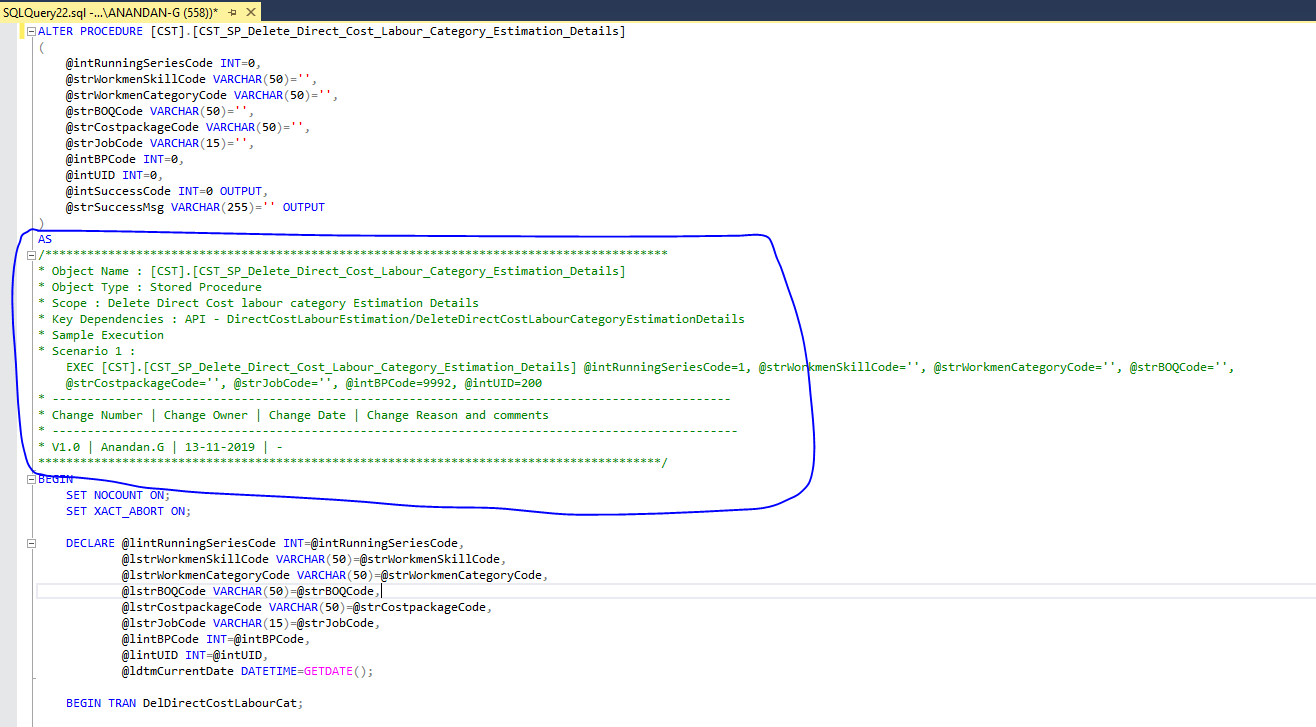
[CST].[CST\_SP\_Worksheet\_List\_Get]

Direct\_Cost\_Labour\_Estimation\_Details – Module\_Submodule\_Name

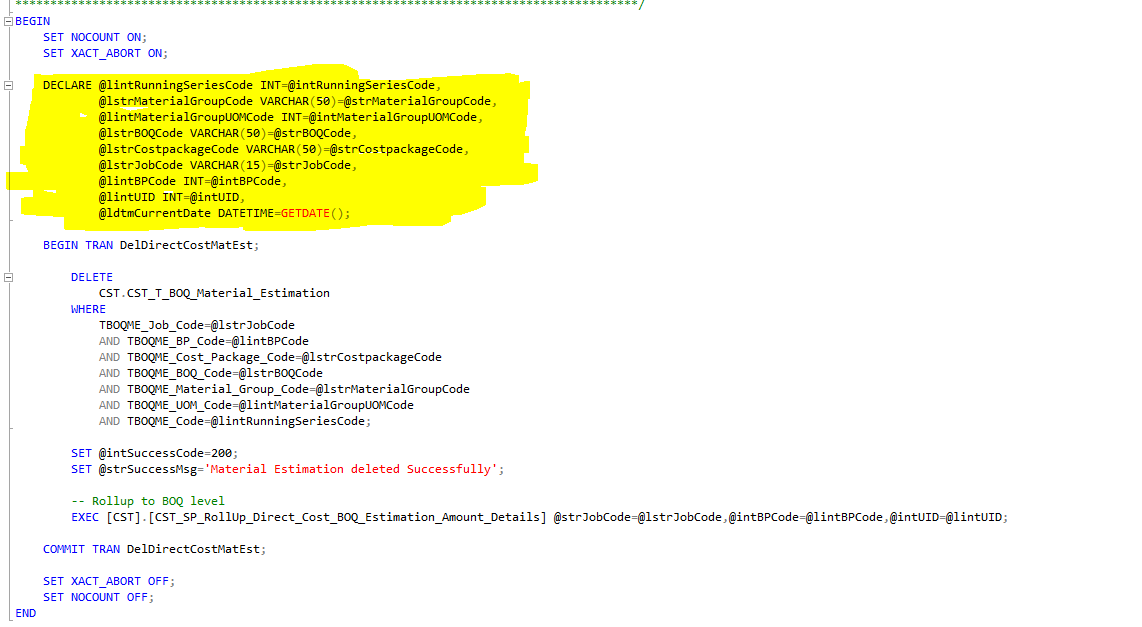
1. Closing brackets for input variables



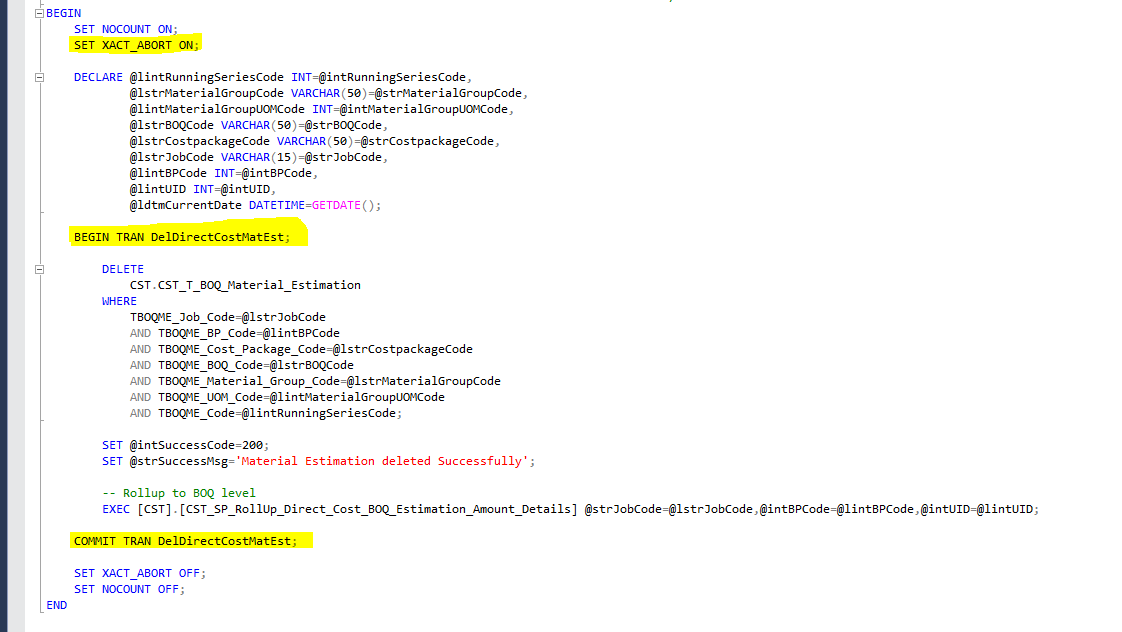
1. Mention Stored Procedure Comments In-between the Input variable declaration & SP beginning



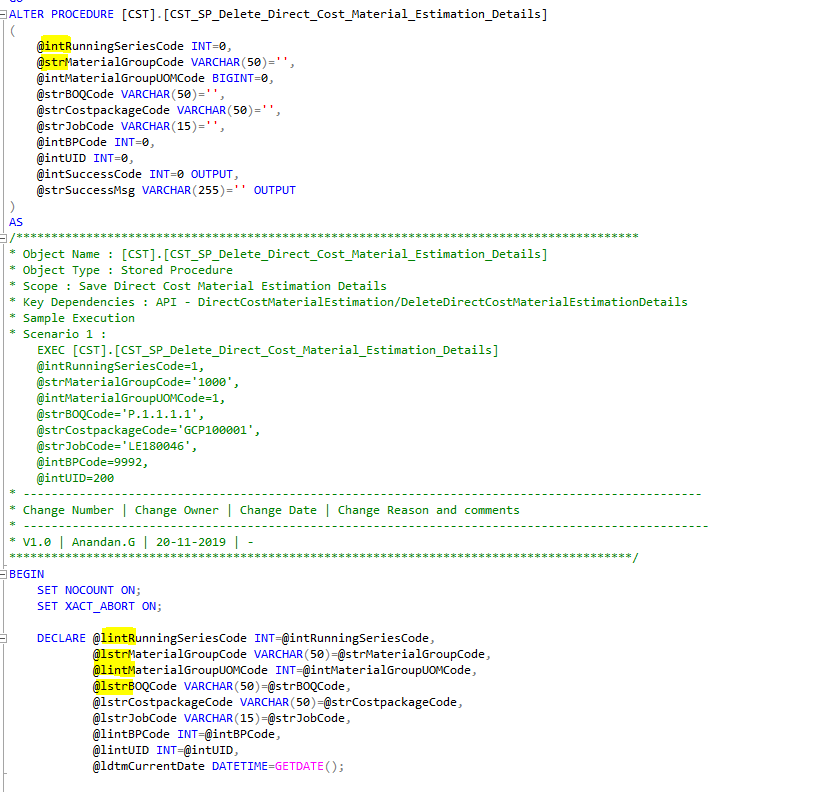
1. Don’t use input variables directly into queries. Instead of this use local variables



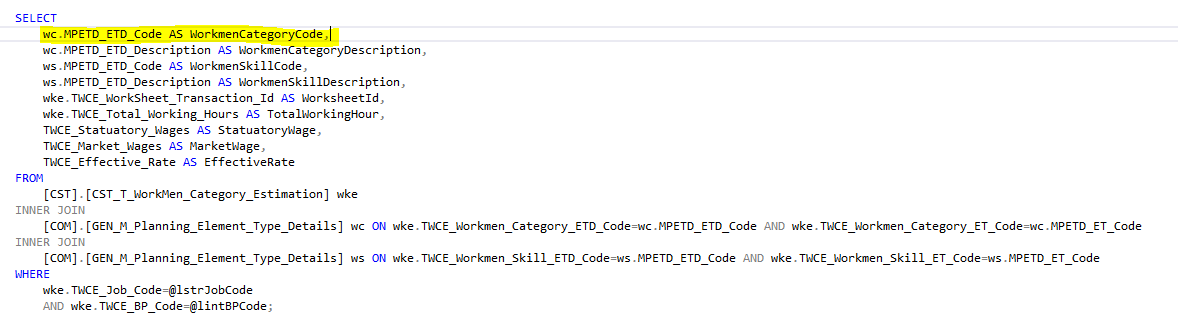
1. Use begin tran and commit tran for insert, update / delete SP’s



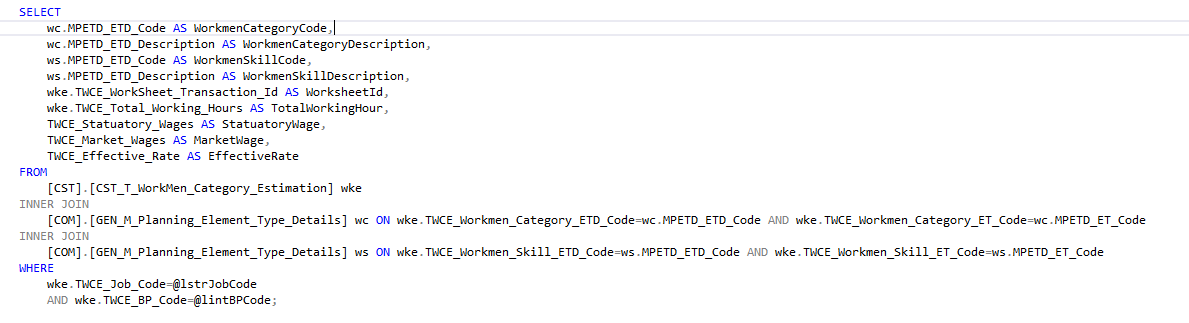
1. Put data type short code in variable prefix (short code 🡪 refer SQL architecture document). If it is local variable put start letter as **l.**

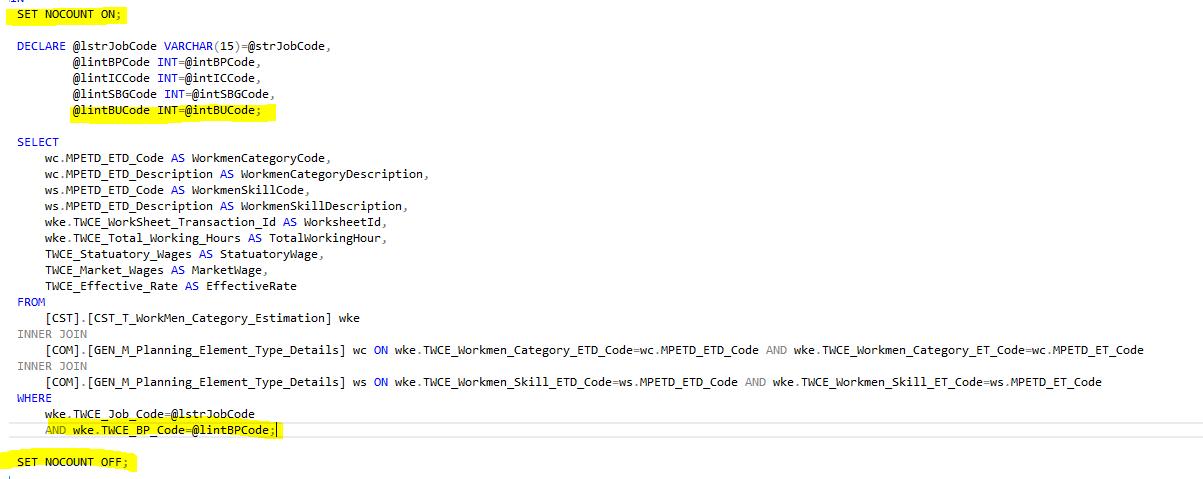


1. Use As keyword for output alias



1. Query alignment



1. Put semi-colon in every line end
2. Use order by statements in API not in SQL
3. Don’t use distinct key word. If needed use group by

-- old table – we will delete this table after development completed

--DROP TABLE IF EXISTS [BQS].[BQS\_L\_Discipline\_BOQ\_Category];

CREATE TABLE [BQS].[BQS\_L\_Cluster\_Element\_Discipline\_BOQ\_Group](

       [LDBQG\_CE\_Code] [int] NOT NULL,

       [LDBQG\_CED\_Code] [int] NOT NULL,

       [LDBQG\_Discipline\_Code] [varchar](15) NOT NULL,

       [LDBQG\_BOQ\_Category\_Code] [varchar](15) NOT NULL,

       [LDBQG\_BOQ\_Group\_Code] [varchar](15) NOT NULL,

       [LDBQG\_Is\_Additional\_Description\_Applicable] [char](1) NOT NULL,

       [TPBOG\_Sort\_Order] [int] NOT NULL,

       [LDBQG\_Inserted\_On] [datetime] NOT NULL,

       [LDBQG\_Inserted\_By] [int] NOT NULL,

       [LDBQG\_Updated\_On] [datetime] NOT NULL,

       [LDBQG\_Updated\_By] [int] NOT NULL

CONSTRAINT [PK\_BQS\_L\_Discipline\_BOQ\_Group] PRIMARY KEY CLUSTERED

(

       [LDBQG\_CE\_Code] ASC,

       [LDBQG\_CED\_Code] ASC,

    [LDBQG\_Discipline\_Code] ASC,

    [LDBQG\_BOQ\_Category\_Code] ASC,

    [LDBQG\_BOQ\_Group\_Code] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [FGBQS01]

) ON [FGBQS01]

GO

ALTER TABLE [BQS].[BQS\_L\_Discipline\_BOQ\_Group] ADD  CONSTRAINT [DF\_LDBQG\_Inserted\_On]  DEFAULT (getdate()) FOR [LDBQG\_Inserted\_On]

GO

ALTER TABLE [BQS].[BQS\_L\_Discipline\_BOQ\_Group] WITH CHECK ADD  CONSTRAINT [FK\_LDBQG\_Discipline\_Code] FOREIGN KEY([LDBQG\_Discipline\_Code])

REFERENCES [BQS].[BQS\_M\_Design\_Disciplines] ([MDDS\_Discipline\_Code])

GO

ALTER TABLE [BQS].[BQS\_L\_Discipline\_BOQ\_Group] CHECK CONSTRAINT [FK\_LDBQG\_Discipline\_Code]

GO