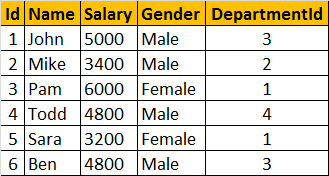
**Suggested SQL Server Videos before watching this Video**  
[Part 39 - View basics](http://csharp-video-tutorials.blogspot.com/2012/09/views-in-sql-server-part-39.html)  
[Part 40 - Updateable views](http://csharp-video-tutorials.blogspot.com/2012/09/updateable-views-part-40.html)  
[Part 41 - Indexed views](http://csharp-video-tutorials.blogspot.com/2012/09/indexed-views-in-sql-server-part-41.html)   
  
   
  
   
  
   
  
1. **You cannot pass parameters to a view**. Table Valued functions are an excellent replacement for parameterized views.  
  
**We will use tblEmployee table** for our examples. SQL Script to create tblEmployee table:  
CREATE TABLE tblEmployee  
(  
  Id int Primary Key,  
  Name nvarchar(30),  
  Salary int,  
  Gender nvarchar(10),  
  DepartmentId int  
)  
  
**Insert data into tblEmployee table**  
Insert into tblEmployee values (1,'John', 5000, 'Male', 3)  
Insert into tblEmployee values (2,'Mike', 3400, 'Male', 2)  
Insert into tblEmployee values (3,'Pam', 6000, 'Female', 1)  
Insert into tblEmployee values (4,'Todd', 4800, 'Male', 4)  
Insert into tblEmployee values (5,'Sara', 3200, 'Female', 1)  
Insert into tblEmployee values (6,'Ben', 4800, 'Male', 3)   
  
**Employee Table**  
   
  
**-- Error : Cannot pass Parameters to Views**  
Create View vWEmployeeDetails  
@Gender nvarchar(20)  
as  
Select Id, Name, Gender, DepartmentId  
from  tblEmployee  
where Gender = @Gender  
  
**Table Valued functions can be used as a replacement** for parameterized views.  
Create function fnEmployeeDetails(@Gender nvarchar(20))  
Returns Table  
as  
Return   
(Select Id, Name, Gender, DepartmentId  
from tblEmployee where Gender = @Gender)  
  
**Calling the function**  
Select \* from dbo.fnEmployeeDetails('Male')  
  
**2. Rules and Defaults cannot be associated with views.**  
  
**3. The ORDER BY clause is invalid in views** unless TOP or FOR XML is also specified.  
Create View vWEmployeeDetailsSorted  
as  
Select Id, Name, Gender, DepartmentId  
from tblEmployee  
order by Id  
If you use ORDER BY, you will get an error stating - 'The ORDER BY clause is invalid in views, inline functions, derived tables, subqueries, and common table expressions, unless TOP or FOR XML is also specified.'  
  
**4. Views cannot be based on temporary tables.**  
  
Create Table ##TestTempTable(Id int, Name nvarchar(20), Gender nvarchar(10))  
  
Insert into ##TestTempTable values(101, 'Martin', 'Male')  
Insert into ##TestTempTable values(102, 'Joe', 'Female')  
Insert into ##TestTempTable values(103, 'Pam', 'Female')  
Insert into ##TestTempTable values(104, 'James', 'Male')  
  
**-- Error: Cannot create a view on Temp Tables**  
Create View vwOnTempTable  
as  
Select Id, Name, Gender  
from ##TestTempTable

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