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| User Defined Function | Stored Procedure |
| Function must return a value. | Stored Procedure may or not return values. |
| Will allow only Select statements, it will not allow us to use DML statements. | Can have select statements as well as DML statements such as insert, update, delete and so on |
| It will allow only input parameters, doesn't support output parameters. | It can have both input and output parameters. |
| It will not allow us to use try-catch blocks. | For exception handling we can use try catch blocks. |
| Transactions are not allowed within functions. | Can use transactions within Stored Procedures. |
| We can use only table variables, it will not allow using temporary tables. | Can use both table variables as well as temporary table in it. |
| Stored Procedures can't be called from a function. | Stored Procedures can call functions. |
| Functions can be called from a select statement. | Procedures can't be called from Select/Where/Having and so on statements. Execute/Exec statement can be used to call/execute Stored Procedure. |
| A UDF can be used in join clause as a result set. | Procedures can't be used in Join clause |