declare @json NVARCHAR(4000)SET @json = '

{"name" : "Phillip",

 "ShoppingTrip":

 {"ShoppingTripItem": "L1",

 "Items":

 [

 {"Item":"Bananas", "Cost":5},

 {"Item":"Apples", "Cost":4},

 {"Item":"Cherries", "Cost":3}

 ]

 }}

'

--{"name":"Phillip", --This is an object. It is surrounded by curly braces {} name is the key, and Phillip is the value.

 --It is in the format name colon value, then a comma before the next name.

-- "ShoppingTrip":

-- {"ShoppingTripItem": "L1",

-- "Items":

-- {"Item":"Bananas", "Cost":5} -- This is the Items value, and it is an object

-- }}

select isjson(@json)

select JSON\_value(@json,'$."Name"')

--select JSON\_value(@json,'strict $."Name"')

select JSON\_value(@json,'strict $."name"')

select JSON\_QUERY(@json,'$')

select json\_value(@json,'strict $.ShoppingTrip.Items[1].Item')

select json\_modify(@json,'strict $.ShoppingTrip.Items[1].Item','Big Bananas')

select json\_modify(@json,'strict $.ShoppingTrip.Items[1]','{"Item":"Big Apples", "Cost":1}')

select json\_modify(@json,'strict $.ShoppingTrip.Items[1]',json\_query('{"Item":"Big Apples", "Cost":1}'))

select json\_modify(@json,'$.Date','2022-01-1')

--select json\_modify(@json,'strict $.ShoppingTrip.Items[1].Item','')

select \* from openjson(@json)

select \* from openjson(@json,'$.ShoppingTrip.Items')

select \* from openjson(@json,'$.ShoppingTrip.Items')

 with (Item varchar(10), Cost int)

select 'Bananas' as Item, 5 as Cost

UNION

select 'Apples' as Item, 4 as Cost

UNION

select 'Cherries' as Item, 3 as Cost

for json path, root('MyShopping Trip')