```
--1. [Internet Sales Amount] untuk setiap [Product].[Category]
Select [Measures].[Internet Sales Amount] on Columns,
[Product].[Category].Members on Rows
From [Adventure Works];


Select [Internet Sales Amount] on Columns,
[Product].[Category].Members on Rows
From [Adventure Works];


Select [Internet Sales Amount] on Columns,
[Category].Members on Rows
From [Adventure Works];


--2. [Internet Sales Amount] untuk setiap [Product].[Category],
--   tidak termasuk yang berharga NULL.
--   Gunakan non empty pada axis yang diinginkan.
Select [Measures].[Internet Sales Amount] on Columns,
non empty [Product].[Category].members on Rows
From [Adventure Works];


--3. [Internet Sales Amount] untuk setiap [Product].[Category],
--   tidak termasuk ALL.
--   Ganti members dengan children
Select [Measures].[Internet Sales Amount] on Columns,
[Product].[Category].children on Rows
From [Adventure Works];


--4. [Internet Sales Amount] untuk setiap [Product].[Category],
--   tidak termasuk yang berharga NULL, tidak termasuk ALL
Select [Measures].[Internet Sales Amount] on Columns,
non empty [Product].[Category].children on Rows
From [Adventure Works];


--5. [Internet Sales Amount] untuk [Product].[Category] Clothing
Select [Measures].[Internet Sales Amount] on Columns,
[Product].[Category].Clothing on Rows
From [Adventure Works];
```

```
--6. [Internet Sales Amount] untuk [Product].[Category]
Clothing, Accessories
--   Gunakan {___ , ___}
Select [Measures].[Internet Sales Amount] on Columns,
{[Product].[Category].Clothing,
[Product].[Category].Accessories} on Rows
From [Adventure Works];


Select [Measures].[Internet Sales Amount] on Columns,
{Clothing, Accessories} on Rows
From [Adventure Works];


--7. [Internet Sales Amount] untuk [Product].[Category]
Clothing s.d, Accessories
--   Gunakan {___ : ___}
Select [Measures].[Internet Sales Amount] on Columns,
{[Product].[Category].Clothing :
[Product].[Category].Accessories} on Rows
From [Adventure Works];


Select [Measures].[Internet Sales Amount] on Columns,
{Clothing : Accessories} on Rows
From [Adventure Works];


--8. [Internet Sales Amount] untuk setiap [Product].[Category]
--   di [Sales Territory Country] Canada
Select [Measures].[Internet Sales Amount] on Columns,
[Product].[Category].Members on Rows
From [Adventure Works]
where [Sales Territory].[Sales Territory Country].[Canada];


--9. [Internet Sales Amount] untuk setiap [Product].[Category]
--   di setiap [Sales Territory Country]. Gunakan Crossjoin
Select [Measures].[Internet Sales Amount] on Columns,
{[Product].[Category].Members
* [Sales Territory].[Sales Territory Country].Members} on Rows
From [Adventure Works]


Select [Measures].[Internet Sales Amount] on Columns,
{[Product].[Category].children
* [Sales Territory].[Sales Territory Country].children} on Rows
```

```
From [Adventure Works]


Select [Measures].[Internet Sales Amount] on Columns,
CrossJoin([Product].[Category].children
        ,[Sales Territory].[Sales Territory Country].children) on
Rows
From [Adventure Works]


Select [Sales Territory].[Sales Territory Country].children on
Columns,
[Product].[Category].children on Rows
From [Adventure Works]
where [Measures].[Internet Sales Amount]


Select [Sales Territory].[Sales Territory Country].children on
Rows,
[Product].[Category].children on Columns
From [Adventure Works]
where [Measures].[Internet Sales Amount]


--10 [Internet Sales Amount] dan [Internet Tax Amount]
--   untuk setiap [Product].[Category]
Select {[Measures].[Internet Sales Amount]
    , [Measures].[Internet Tax Amount]} on Columns,
[Product].[Category].Members on Rows
From [Adventure Works];


Select {[Measures].[Internet Sales Amount]
    ,[Measures].[Internet Tax Amount]} on Rows,
[Product].[Category].Members on Columns
From [Adventure Works];


--11 Lima kota pelanggan, [Customer].[City], dengan
--   [Internet Sales Amount] tertinggi.
--   Gunakan fungsi TopCount()
Select [Measures].[Internet Sales Amount] on Columns,
TopCount([Customer].[City].Members,5
    ,[Measures].[Internet Sales Amount]) on Rows
From [Adventure Works];
```

```
Select [Measures].[Internet Sales Amount] on Columns,
TopCount([Customer].[City].children,5
    ,[Measures].[Internet Sales Amount]) on Rows
From [Adventure Works];


--12 Lima kota pelanggan, [Customer].[City],
--   yang [Internet Sales Amount] tertinggi.
--   Hanya nama kotanya yang ditampilkan:
Select {} on Columns,
TopCount([Customer].[City].Members,5
    ,[Measures].[Internet Sales Amount]) on Rows
From [Adventure Works];


--13 lima kota pelanggan, [Customer].[City],
--   dan [Internet Sales Amount] tertinggi
--   di negara [United States]
Select [Measures].[Internet Sales Amount] on Columns,
TopCount([Customer].[City].Children,5
    ,[Measures].[Internet Sales Amount]) on Rows
From [Adventure Works]
Where [Customer].[Country].[United States]


--14 Lima kota pelanggan, [Customer].[City],
--   dan [Internet Sales Amount] terendah.
--   Gunakan fungsi BottomCount()
Select [Measures].[Internet Sales Amount] on Columns,
BottomCount([Customer].[City].Members,5
    ,[Measures].[Internet Sales Amount]) on Rows
From [Adventure Works];


Select [Measures].[Internet Sales Amount] on Columns,
BottomCount(Filter([Customer].[City].Members
    ,[Measures].[Internet Sales Amount]>0),5
    ,[Measures].[Internet Sales Amount]) on Rows
From [Adventure Works];


--15 lima kota pelanggan, [Customer].[City],
--   dan [Internet Sales Amount] terendah di negara [Germany]
Select [Measures].[Internet Sales Amount] on Columns,
```

```
BottomCount(Filter([Customer].[City].Members

    ,[Measures].[Internet Sales Amount]>0),5

    ,[Measures].[Internet Sales Amount]) on Rows

From [Adventure Works]

Where [Customer].[Country].[Australia]


Select [Measures].[Internet Sales Amount] on Columns,

BottomCount(Filter([Customer].[City].Members

    ,Not IsEmpty([Measures].[Internet Sales Amount]>0))

    ,5,[Measures].[Internet Sales Amount]) on Rows

From [Adventure Works]

Where [Customer].[Country].[Australia]
```

--16 Sepuluh pelanggan dengan [Internet Sales Amount] tertinggi.

```
Select [Measures].[Internet Sales Amount] on Columns,

TopCount([Customer].[Customer].Children,10

    ,[Measures].[Internet Sales Amount]) on Rows

From [Adventure Works];
```

--17 Sepuluh pelanggan dengan [Internet Sales Amount] tertinggi,

--   serta data penghasilan tahunan, [Customer].[Yearly Income]

```
Select [Measures].[Internet Sales Amount]

    ,[Customer].[Yearly Income].currentmember on Columns

        ,{TopCount([Customer].[Customer].Children

    ,10,[Measures].[Internet Sales Amount])} on Rows

From [Adventure Works];
```

--ERROR!

--Gunakan klausa WITH untuk mendefinisikan

--[Customer].[Yearly Income].currentmember sebagai

--[Measures].[Yearly Income]

```
WITH

MEMBER [Measures].[Yearly Income] AS

[Customer].[Customer
Geography].currentmember.Properties("Yearly Income")

Select {[Measures].[Internet Sales Amount]

    ,[Measures].[Yearly Income]} on Columns

        ,{TopCount([Customer].[Customer].Children,10

    ,[Measures].[Internet Sales Amount])} on Rows
```

```
From [Adventure Works];
```

--18 Sepuluh pelanggan dengan [Internet Sales Amount] tertinggi,

--   serta data penghasilan tahunan [Yearly Income];

--   [Email Address], dan Phone.

```
WITH

MEMBER [Measures].[Penghasilan Setahun] AS

[Customer].[Customer
Geography].currentmember.Properties("Yearly Income")

MEMBER [Measures].[Alamat Email] AS

[Customer].[Customer
Geography].currentmember.Properties("Email Address")

MEMBER [Measures].[Telepon] AS

[Customer].[Customer
Geography].currentmember.Properties("Phone")

Select {[Measures].[Internet Sales Amount]

    ,[Measures].[Penghasilan Setahun]

        ,[Measures].[Alamat Email]

        ,[Measures].[Telepon]} on Columns

        ,{TopCount([Customer].[Customer].Children,10

    ,[Measures].[Internet Sales Amount])} on Rows

From [Adventure Works];
```

--19 Output no 17 dan 18 diurutkan berdasarkan [Internet Sales Amount].

--   Bagaimana kalau urutannya berdasarkan [Customer]?

--   Definisikan 10 Customer dengan Sales Amount tertinggi dalam WITH.

--   Gunakan fungsi ORDER untuk mengurutkan Customer dalm SELECT.

```
WITH

SET [Top 10 Pelanggan] AS

  TopCount([Customer].[Customer].Children,10

    ,[Measures].[Internet Sales Amount]

  )

Select [Measures].[Internet Sales Amount] on Columns,

        ORDER (

        [Top 10 Pelanggan],

         [Customer].[Customer].MEMBERVALUE

        ) on Rows

From [Adventure Works
```