To Select only required fields

SET OutputRoot.XMLNS.Data.Output[] = (SELECT R.Quantity, R.Author FROM InputRoot.XMLNS.Invoice.Purchases.Item[] AS R);

Here the field names & values are copied as it is

To select ALL fields (with values obviously)

SET OutputRoot.XMLNS.Data.Output[] = (SELECT R FROM InputRoot.XMLNS.Invoice.Purchases.Item[] AS R);

To select required fields with different name

SET OutputRoot.XMLNS.Data.Output[] = (SELECT R.Quantity AS Qty, R.Author AS FROM InputRoot.XMLNS.Invoice.Purchases.Item[] AS R);

To select required fields with different name and path

SET OutputRoot.XMLNS.Data.Output[] = (SELECT R.Quantity AS Book.Quantity, R.Author AS Book.Author FROM InputRoot.XMLNS.Invoice.Purchases.Item[] AS R);

Appending hard coded values

SET OutputRoot.XMLNS.Data.Output[] = (SELECT ‘Number of Books’ || R.Quantity, R.Author FROM InputRoot.XMLNS.Invoice.Purchases.Item[] AS R);

Dynamic operations

SET OutputRoot.XMLNS.Data.Output[] = (SELECT R.Quantity * 2, R.Author FROM InputRoot.XMLNS.Invoice.Purchases.Item[] AS R);

Convert fields to attributes

SET OutputRoot.XMLNS.Data.Output[] = (SELECT R.Quantity.* AS Book.(XML.Attribute)Quantity, R.Author.* AS Book.(XML.Attribute)Author FROM InputRoot.XMLNS.Invoice.Purchases.Item[] AS R);

Selectively picking the fields based on condition

SET OutputRoot.XMLNS.Data.Output[] = (SELECT R.Quantity AS Book.Quantity, R.Author AS Book.Author FROM InputRoot.XMLNS.Invoice.Purchases.Item[] AS R WHERE R.Quantity = 2);

Joining data in a message

SET OutputRoot.XMLNS.Items.Item[] = (SELECT D.LastName, **D.Billing**, P.UnitPrice, P.Quantity FROM InputBody.Invoice.Customer[] AS D, InputBody.Invoice.Purchases.Item[] AS P);

To select only values

SET OutputRoot.XMLNS.Test.Result[] = (SELECT ITEM T.UnitPrice FROM InputBody.Invoice.Purchases.Item[] AS T);

To select only one item

SET OutputRoot.XMLNS.Test.Result = THE (SELECT T.Publisher, T.Author FROM InputBody.Invoice.Purchases.Item[]);

Transforming a Complex Message

```
SET OutputRoot.XMLNS.Data.Statement[] = (SELECT I.Customer.Title AS Customer.Title, I.Customer.FirstName || ' ' ||
I.Customer.LastName AS Customer.Name, COALESCE(I.Customer.PhoneHome,'') AS Customer.Phone,

(SELECT II.Title AS Desc, CAST(II.UnitPrice AS FLOAT) * 1.6 AS Cost, II.Quantity AS Qty FROM I.Purchases.Item[] AS II WHERE
II.UnitPrice> 0.0 ) AS Purchases.Article[],

(SELECT SUM( CAST(II.UnitPrice AS FLOAT) * CAST(II.Quantity AS FLOAT) * 1.6 ) FROM I.Purchases.Item[] AS II ) AS Amount, 'Dollars'
AS Amount.(XML.Attribute)Currency FROM InputRoot.XMLNS.Invoice[] AS I WHERE I.Customer.LastName <> 'Brown' );
```