

The task is to write an XQuery query.

Write an XQuery file into **sales.xq** in the root directory of the project in order to achieve the following result when launching the query evaluation. You can find the expected output in the **expected-output.xml** file.

After launching the query by running the **Task4** class in the NetBeans project (by pressing F6), you can see the output on the screen and in the **output.xml**.

```
<?xml version="1.0" encoding="UTF-8" standalone="no" >
<sales>
  <product>
    <name>First Fruit Basket from Zlín</name>
    <produced-in>Production factory Zlín</produced-in>
  </product>
  <product>
    <name>Second Fruit Basket from Zlín</name>
    <produced-in>Production factory Zlín</produced-in>
    <sold currency="CZK" total="150" />
  </product>
  <product>
    <name>Third Fruit Basket from Zlín</name>
    <produced-in>Production factory Zlín</produced-in>
    <sold currency="CZK" total="150" />
    <sold currency="EUR" total="13" />
  </product>
  <product>
    <name>Fourth Fruit Basket from Zlín</name>
    <produced-in>Production factory Zlín</produced-in>
    <sold currency="CZK" total="340" />
  </product>
</sales>
```

for each product, generate a <product> element with its "name" and "produced-in" children

for each (unique) currency the product was sold, put a "sold" child element with the currency and the sum of money this product was sold in this currency

the set of unique currencies can be obtained by applying the XPath function *distinct-values()*