Assignment 3c

**Query 1**

Shows Data of a worker and its warehouse, the worker works in.

**Query 2**

Shows Data about each warehouse. It specifically shows which printers are inside of each warehouse and shows also data about the printers. Additionally, we get all plans a printer is associated with.

**Query 3**

For every artist we get the plans he/she is associated with and, we get for each of these plans the one worker, who is responsible for this plan.

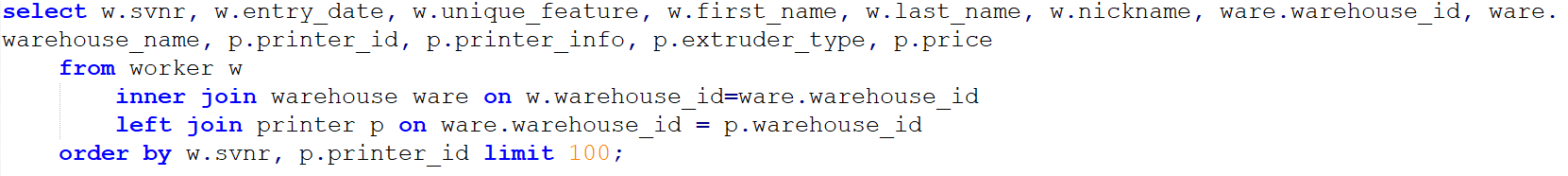
**Query 3**

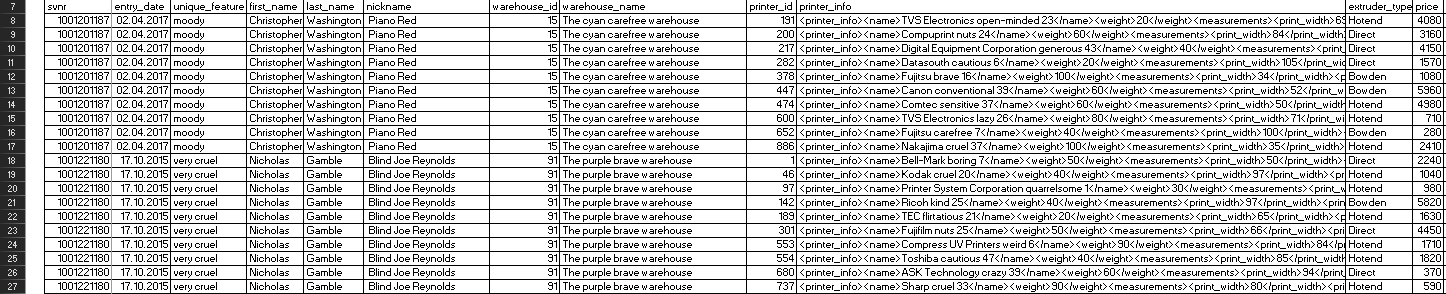
This query shows specific info about a worker. We see all the shopping items the worker created (that he/she wants to buy) and all the plans the worker is responsible for.

For every query we limit the output to 100, so that we don’t get to much data back and also the queries are faster. If all data is needed, the (limit 100) clause needs to be removed from each query.

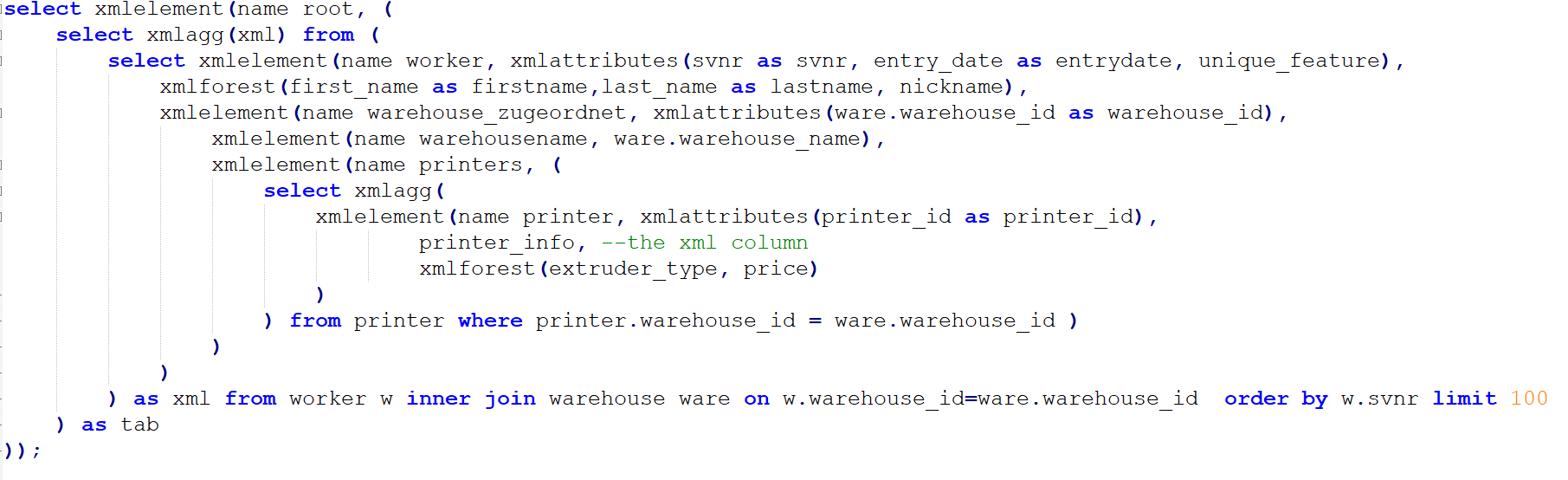
# Query 1

SQL





SQLXML



<worker svnr="1001221180" entrydate="2015-10-17" unique\_feature="very cruel">

<firstname>Nicholas</firstname>

<lastname>Gamble</lastname>

<nickname> Blind Joe Reynolds</nickname>

<warehouse\_zugeordnet warehouse\_id="91">

<warehousename>The purple brave warehouse</warehousename>

<printers>

<printer printer\_id="680">

<printer\_info>

<name>ASK Technology crazy 39</name>

<weight>60</weight>

<measurements>

<print\_width>94</print\_width>

<print\_depth>37</print\_depth>

<print\_height>22</print\_height>

</measurements>

</printer\_info>

<extruder\_type>Direct</extruder\_type>

<price>370</price>

</printer>

….

<printer printer\_id="737">

<printer\_info>

<name>Sharp cruel 33</name>

<weight>90</weight>

<measurements>

<print\_width>80</print\_width>

<print\_depth>104</print\_depth>

<print\_height>26</print\_height>

</measurements>

</printer\_info>

<extruder\_type>Hotend</extruder\_type>

<price>590</price>

</printer>

</printers>

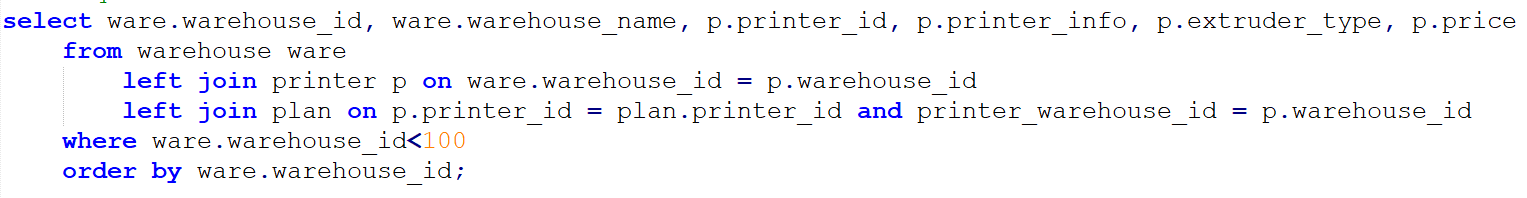
</warehouse\_zugeordnet>

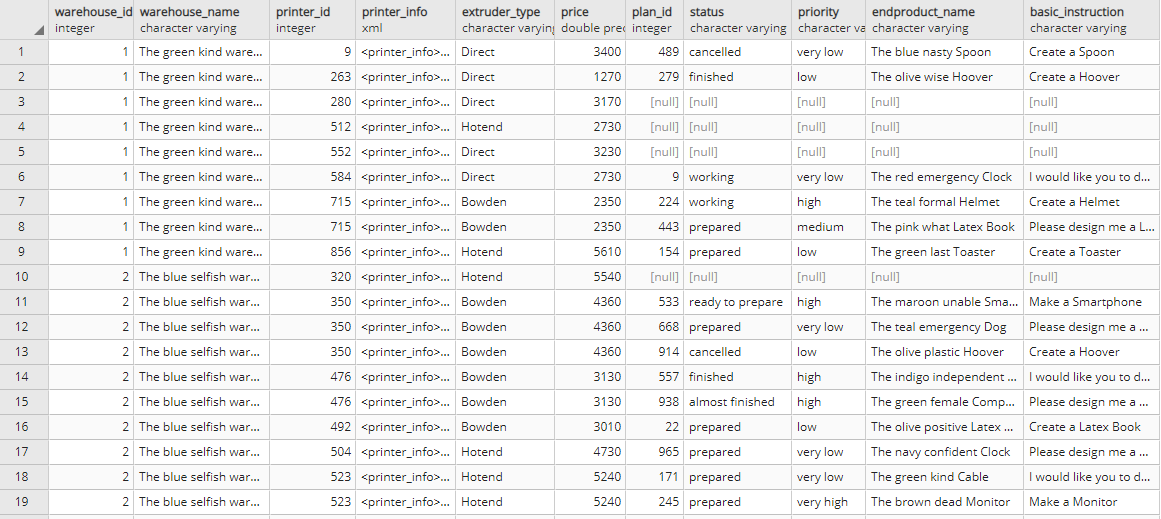
</worker>

</root>

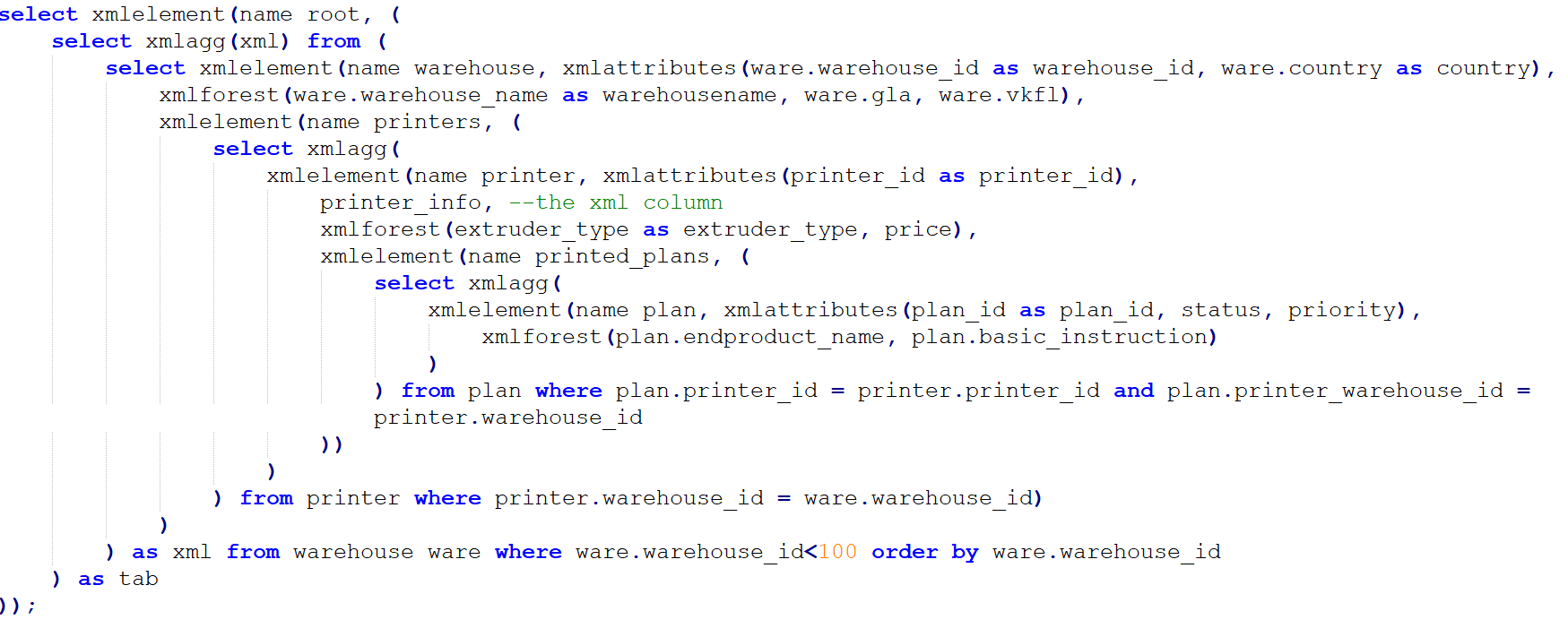
# Query 2

SQL





XMLSQL



<root>

<warehouse warehouse\_id="1" country="Austria">

<warehousename>The green kind warehouse</warehousename>

<gla>3600</gla>

<printers>

<printer printer\_id="715">

<printer\_info>

<name>UBIX Corp. hard-working 16</name>

<weight>80</weight>

<measurements>

<print\_width>84</print\_width>

<print\_depth>56</print\_depth>

<print\_height>40</print\_height>

</measurements>

</printer\_info>

<extruder\_type>Bowden</extruder\_type>

<price>2350</price>

<printed\_plans>

<plan plan\_id="224" status="working" priority="high">

<endproduct\_name>The teal formal Helmet</endproduct\_name>

<basic\_instruction>Create a Helmet</basic\_instruction>

</plan>

<plan plan\_id="443" status="prepared" priority="medium">

<endproduct\_name>The pink what Latex Book</endproduct\_name>

<basic\_instruction>Please design me a Latex Book</basic\_instruction>

</plan>

</printed\_plans>

</printer>

….

<printer printer\_id="856">

<printer\_info>

<name>Brother flirtatious 3</name>

<weight>100</weight>

<measurements>

<print\_width>35</print\_width>

<print\_depth>70</print\_depth>

<print\_height>20</print\_height>

</measurements>

</printer\_info>

<extruder\_type>Hotend</extruder\_type>

<price>5610</price>

<printed\_plans>

<plan plan\_id="154" status="prepared" priority="low">

<endproduct\_name>The green last Toaster</endproduct\_name>

<basic\_instruction>Create a Toaster</basic\_instruction>

</plan>

</printed\_plans>

</printer>

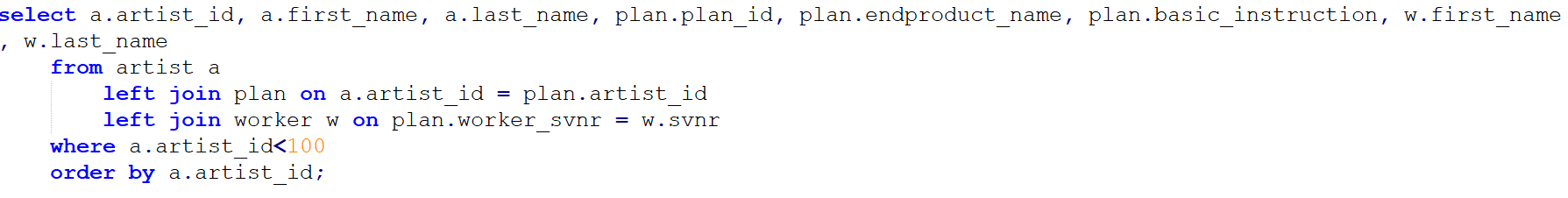
</printers>

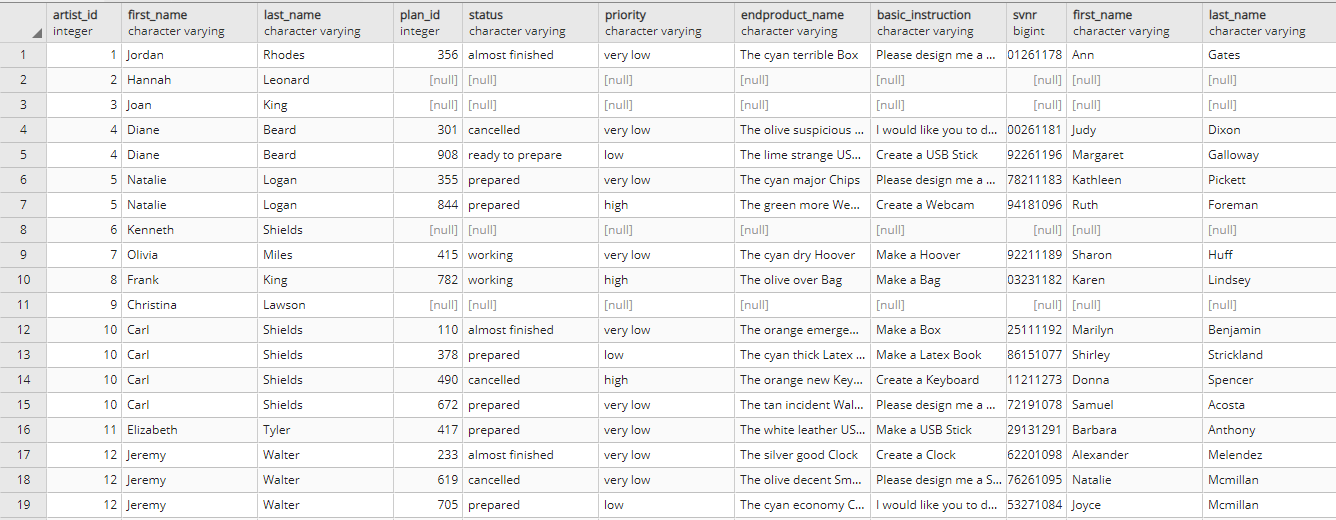
</warehouse>

</root>

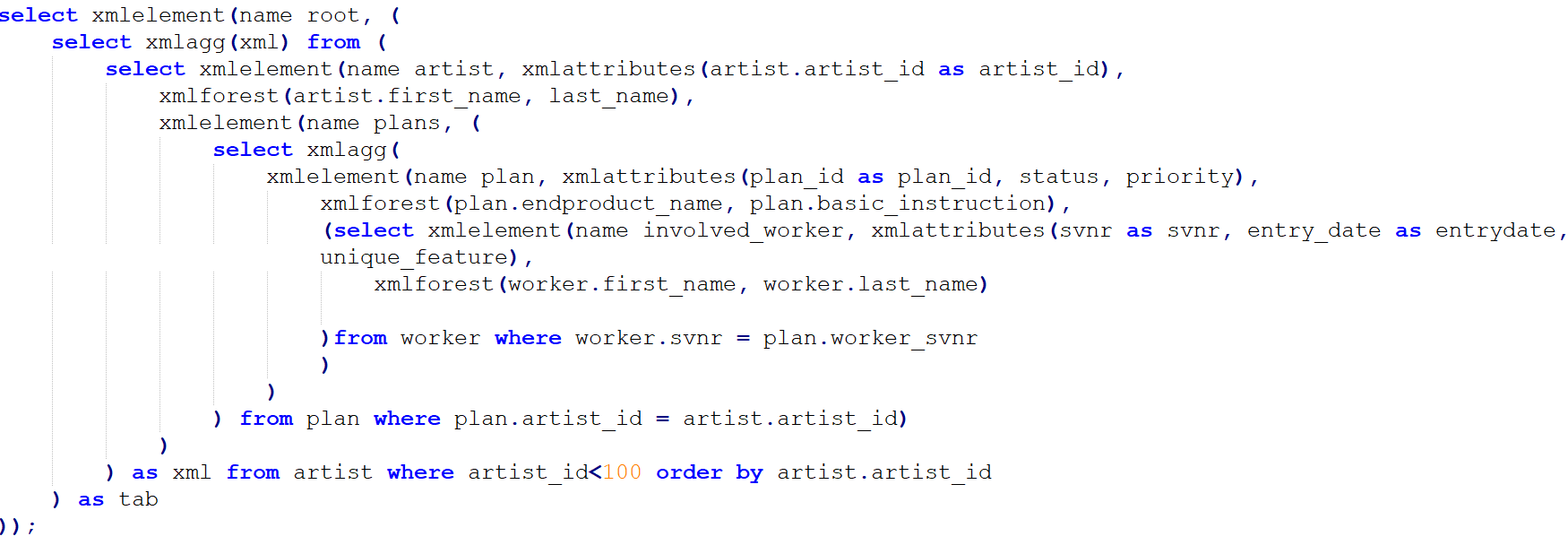
# Query 3

SQL





XMLSQL



<root>

<artist artist\_id="1">

<first\_name>Jordan</first\_name>

<last\_name>Rhodes</last\_name>

<plans>

<plan plan\_id="356" status="almost finished" priority="very low">

<endproduct\_name>The cyan terrible Box</endproduct\_name>

<basic\_instruction>Please design me a Box</basic\_instruction>

<involved\_worker svnr="5501261178" entrydate="2013-08-18" unique\_feature="self-confident">

<first\_name>Ann</first\_name>

<last\_name>Gates</last\_name>

</involved\_worker>

</plan>

</plans>

</artist>

<artist artist\_id="2">

<first\_name>Hannah</first\_name>

<last\_name>Leonard</last\_name>

<plans/>

</artist>

<artist artist\_id="3">

<first\_name>Joan</first\_name>

<last\_name>King</last\_name>

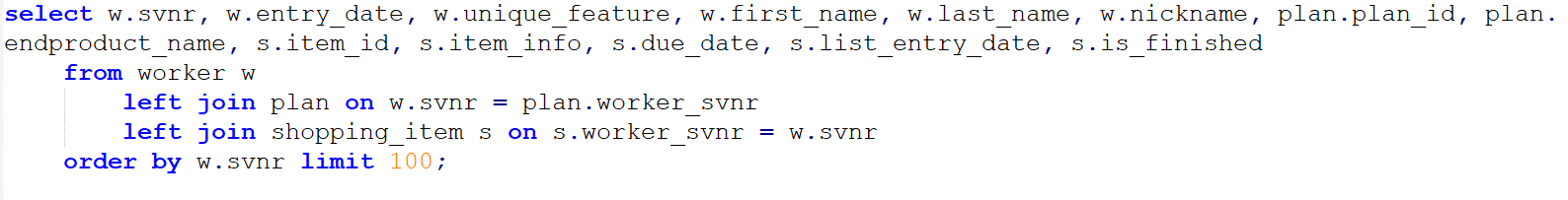
<plans/>

</artist>

</root>

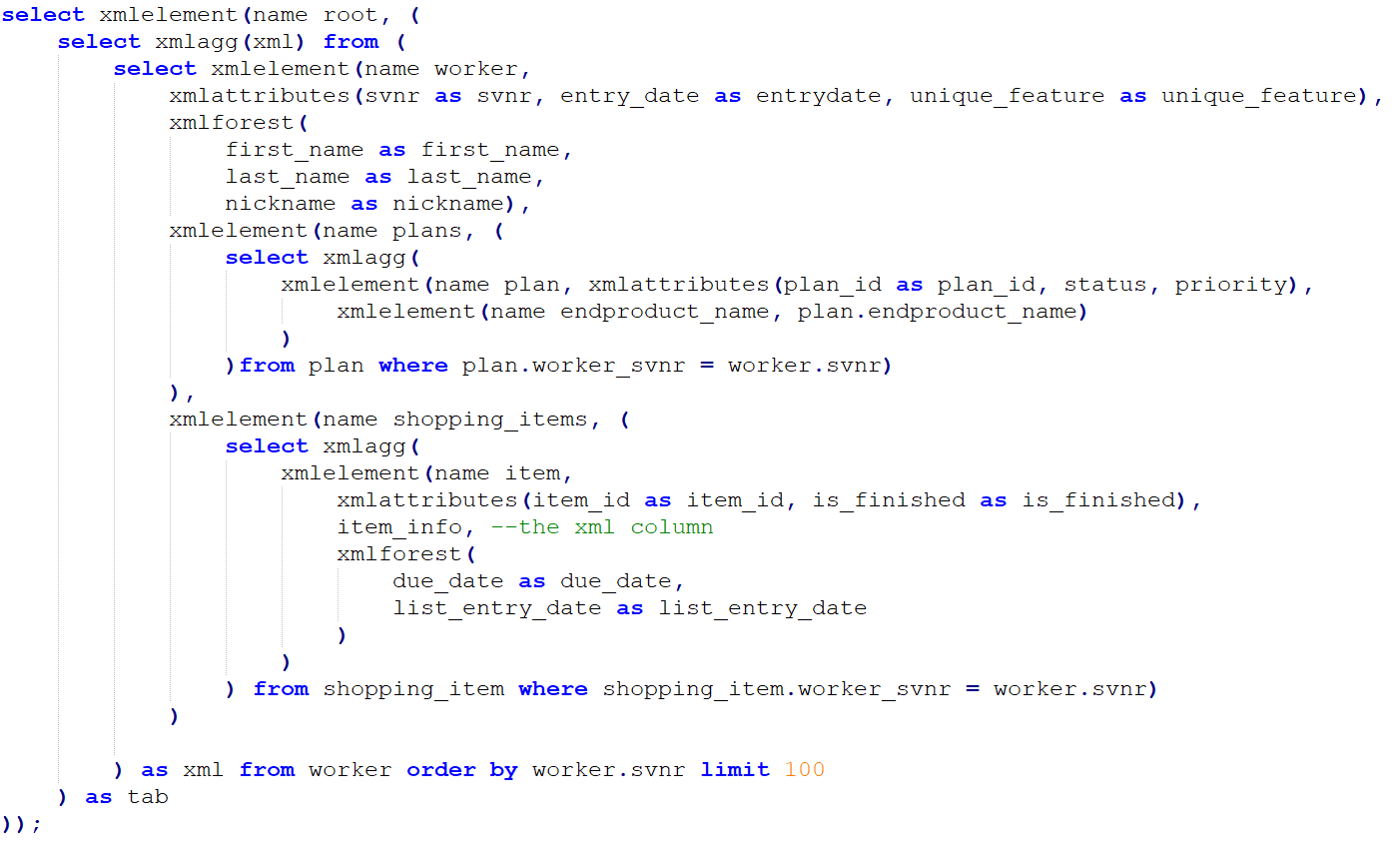
# Query 4

SQL





XMLSQL



<root>

<worker svnr="1001201187" entrydate="2017-04-02" unique\_feature="moody">

<first\_name>Christopher</first\_name>

<last\_name>Washington</last\_name>

<nickname> Piano Red</nickname>

<plans>

<plan plan\_id="196" status="ready to prepare" priority="very high">

<endproduct\_name>The red wine Monitor</endproduct\_name>

</plan>

</plans>

<shopping\_items>

<item item\_id="637" is\_finished="false">

<item\_info>

<buying\_info>

<seller\_suggestion>Etsy</seller\_suggestion>

<name>silver Wallet</name>

</buying\_info>

<additional\_info>Whenever there is a problem... SOLVE IT!</additional\_info>

</item\_info>

<due\_date>2019-06-01</due\_date>

<list\_entry\_date>2019-03-27</list\_entry\_date>

</item>

<item item\_id="885" is\_finished="false">

<item\_info>

<buying\_info>

<seller\_suggestion>Kohls</seller\_suggestion>

<name>orange CD Elton John</name>

</buying\_info>

<additional\_info>It should be fancy.</additional\_info>

</item\_info>

<due\_date>2019-07-17</due\_date>

<list\_entry\_date>2019-03-27</list\_entry\_date>

</item>

</shopping\_items>

</worker>

</root>