Assignment 3a – Extraction

**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.

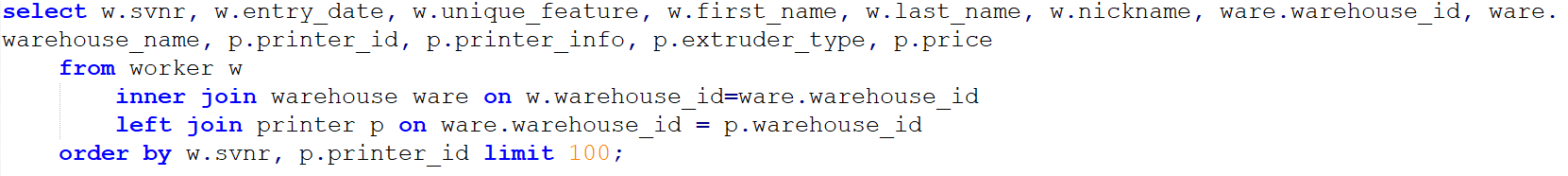
**Query 3**

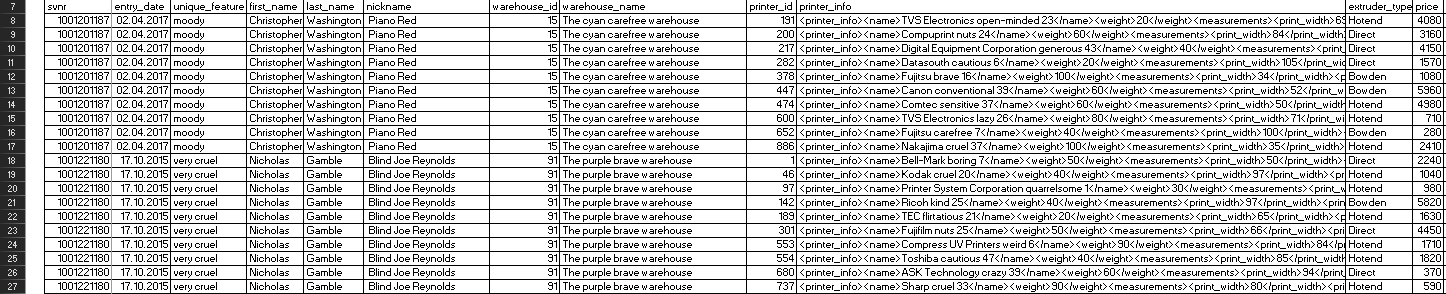
This query shows specific info about a worker. We see all the shopping items the worker created (that he/she wants to buy) and all the plans the worker is responsible for.

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.

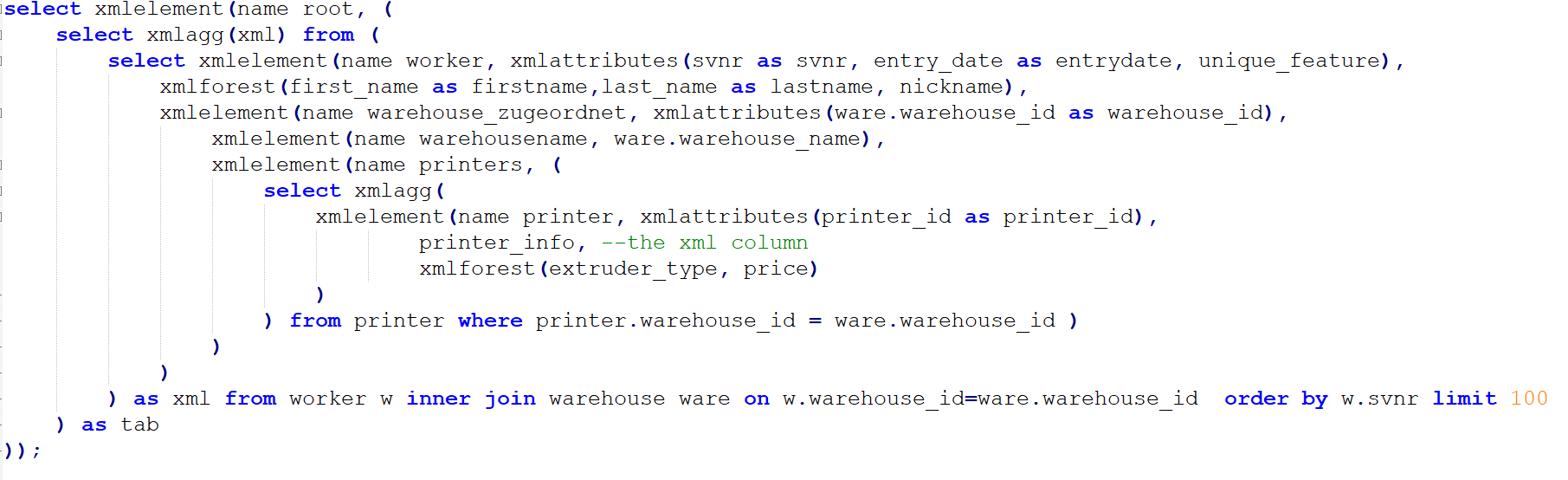
# Query 1

SQL





SQLXML



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

<firstname>Christopher</firstname>

<lastname>Washington</lastname>

<nickname> Piano Red</nickname>

<warehouse\_zugeordnet warehouse\_id="15">

<warehousename>The cyan carefree warehouse</warehousename>

<printers>

<printer printer\_id="191">

<printer\_info>

<name>TVS Electronics open-minded 23</name>

<weight>20</weight>

<measurements>

<print\_width>69</print\_width>

<print\_depth>106</print\_depth>

<print\_height>13</print\_height>

</measurements>

</printer\_info>

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

<price>4080</price>

</printer>

<printer printer\_id="200">

<printer\_info>

<name>Compuprint nuts 24</name>

<weight>60</weight>

<measurements>

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

<print\_depth>77</print\_depth>

<print\_height>38</print\_height>

</measurements>

</printer\_info>

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

<price>3160</price>

</printer>

<printer printer\_id="217">

<printer\_info>

<name>Digital Equipment Corporation generous 43</name>

<weight>40</weight>

<measurements>

<print\_width>44</print\_width>

<print\_depth>75</print\_depth>

<print\_height>12</print\_height>

</measurements>

</printer\_info>

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

<price>4150</price>

</printer>

<printer printer\_id="282">

<printer\_info>

<name>Datasouth cautious 6</name>

<weight>20</weight>

<measurements>

<print\_width>105</print\_width>

<print\_depth>89</print\_depth>

<print\_height>10</print\_height>

</measurements>

</printer\_info>

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

<price>1570</price>

</printer>

<printer printer\_id="378">

<printer\_info>

<name>Fujitsu brave 16</name>

<weight>100</weight>

<measurements>

<print\_width>34</print\_width>

<print\_depth>90</print\_depth>

<print\_height>34</print\_height>

</measurements>

</printer\_info>

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

<price>1080</price>

</printer>

<printer printer\_id="447">

<printer\_info>

<name>Canon conventional 39</name>

<weight>60</weight>

<measurements>

<print\_width>52</print\_width>

<print\_depth>103</print\_depth>

<print\_height>15</print\_height>

</measurements>

</printer\_info>

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

<price>5960</price>

</printer>

<printer printer\_id="474">

<printer\_info>

<name>Comtec sensitive 37</name>

<weight>60</weight>

<measurements>

<print\_width>50</print\_width>

<print\_depth>18</print\_depth>

<print\_height>48</print\_height>

</measurements>

</printer\_info>

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

<price>4980</price>

</printer>

<printer printer\_id="600">

<printer\_info>

<name>TVS Electronics lazy 26</name>

<weight>80</weight>

<measurements>

<print\_width>71</print\_width>

<print\_depth>102</print\_depth>

<print\_height>28</print\_height>

</measurements>

</printer\_info>

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

<price>710</price>

</printer>

<printer printer\_id="652">

<printer\_info>

<name>Fujitsu carefree 7</name>

<weight>40</weight>

<measurements>

<print\_width>100</print\_width>

<print\_depth>77</print\_depth>

<print\_height>28</print\_height>

</measurements>

</printer\_info>

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

<price>280</price>

</printer>

<printer printer\_id="886">

<printer\_info>

<name>Nakajima cruel 37</name>

<weight>100</weight>

<measurements>

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

<print\_depth>66</print\_depth>

<print\_height>12</print\_height>

</measurements>

</printer\_info>

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

<price>2410</price>

</printer>

</printers>

</warehouse\_zugeordnet>

</worker>

<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="1">

<printer\_info>

<name>Bell-Mark boring 7</name>

<weight>50</weight>

<measurements>

<print\_width>50</print\_width>

<print\_depth>92</print\_depth>

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

</measurements>

</printer\_info>

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

<price>2240</price>

</printer>

<printer printer\_id="46">

<printer\_info>

<name>Kodak cruel 20</name>

<weight>40</weight>

<measurements>

<print\_width>97</print\_width>

<print\_depth>28</print\_depth>

<print\_height>12</print\_height>

</measurements>

</printer\_info>

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

<price>1040</price>

</printer>

<printer printer\_id="97">

<printer\_info>

<name>Printer System Corporation quarrelsome 1</name>

<weight>30</weight>

<measurements>

<print\_width>82</print\_width>

<print\_depth>94</print\_depth>

<print\_height>39</print\_height>

</measurements>

</printer\_info>

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

<price>980</price>

</printer>

<printer printer\_id="142">

<printer\_info>

<name>Ricoh kind 25</name>

<weight>40</weight>

<measurements>

<print\_width>97</print\_width>

<print\_depth>48</print\_depth>

<print\_height>27</print\_height>

</measurements>

</printer\_info>

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

<price>5820</price>

</printer>

<printer printer\_id="189">

<printer\_info>

<name>TEC flirtatious 21</name>

<weight>20</weight>

<measurements>

<print\_width>65</print\_width>

<print\_depth>94</print\_depth>

<print\_height>49</print\_height>

</measurements>

</printer\_info>

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

<price>1630</price>

</printer>

<printer printer\_id="301">

<printer\_info>

<name>Fujifilm nuts 25</name>

<weight>50</weight>

<measurements>

<print\_width>66</print\_width>

<print\_depth>30</print\_depth>

<print\_height>17</print\_height>

</measurements>

</printer\_info>

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

<price>4450</price>

</printer>

<printer printer\_id="553">

<printer\_info>

<name>Compress UV Printers weird 6</name>

<weight>90</weight>

<measurements>

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

<print\_depth>74</print\_depth>

<print\_height>14</print\_height>

</measurements>

</printer\_info>

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

<price>1710</price>

</printer>

<printer printer\_id="554">

<printer\_info>

<name>Toshiba cautious 47</name>

<weight>40</weight>

<measurements>

<print\_width>85</print\_width>

<print\_depth>112</print\_depth>

<print\_height>14</print\_height>

</measurements>

</printer\_info>

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

<price>1820</price>

</printer>

<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>

<printer printer\_id="742">

<printer\_info>

<name>Ricoh cowardly 26</name>

<weight>100</weight>

<measurements>

<print\_width>24</print\_width>

<print\_depth>10</print\_depth>

<print\_height>31</print\_height>

</measurements>

</printer\_info>

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

<price>5960</price>

</printer>

<printer printer\_id="753">

<printer\_info>

<name>GENICOM shy - introverted 2</name>

<weight>50</weight>

<measurements>

<print\_width>26</print\_width>

<print\_depth>46</print\_depth>

<print\_height>41</print\_height>

</measurements>

</printer\_info>

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

<price>4440</price>

</printer>

<printer printer\_id="977">

<printer\_info>

<name>Kyocera Mita quarrelsome 39</name>

<weight>80</weight>

<measurements>

<print\_width>108</print\_width>

<print\_depth>92</print\_depth>

<print\_height>36</print\_height>

</measurements>

</printer\_info>

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

<price>3560</price>

</printer>

</printers>

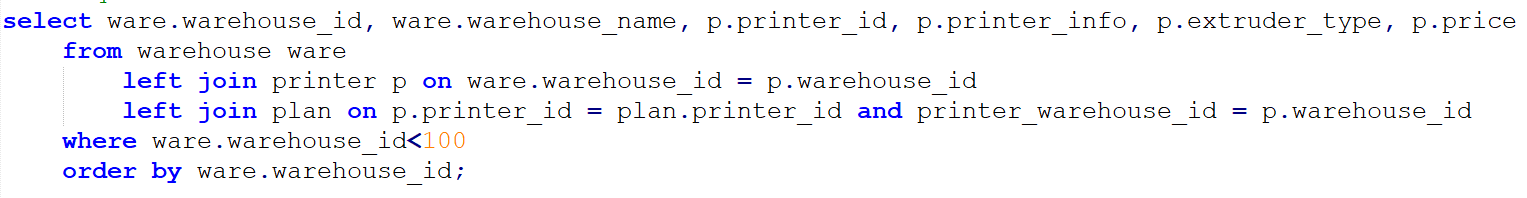
</warehouse\_zugeordnet>

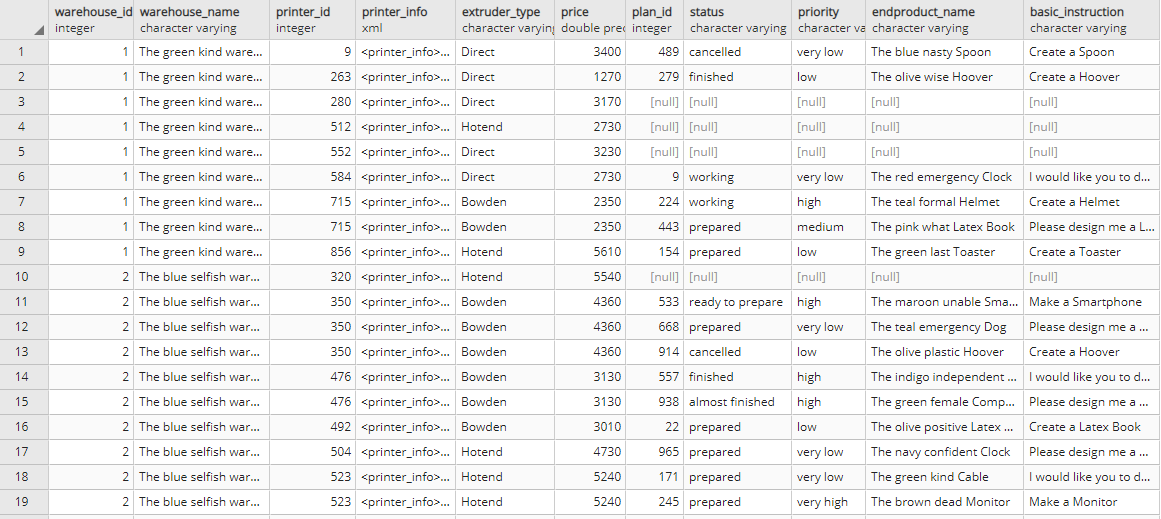
</worker>

</root>

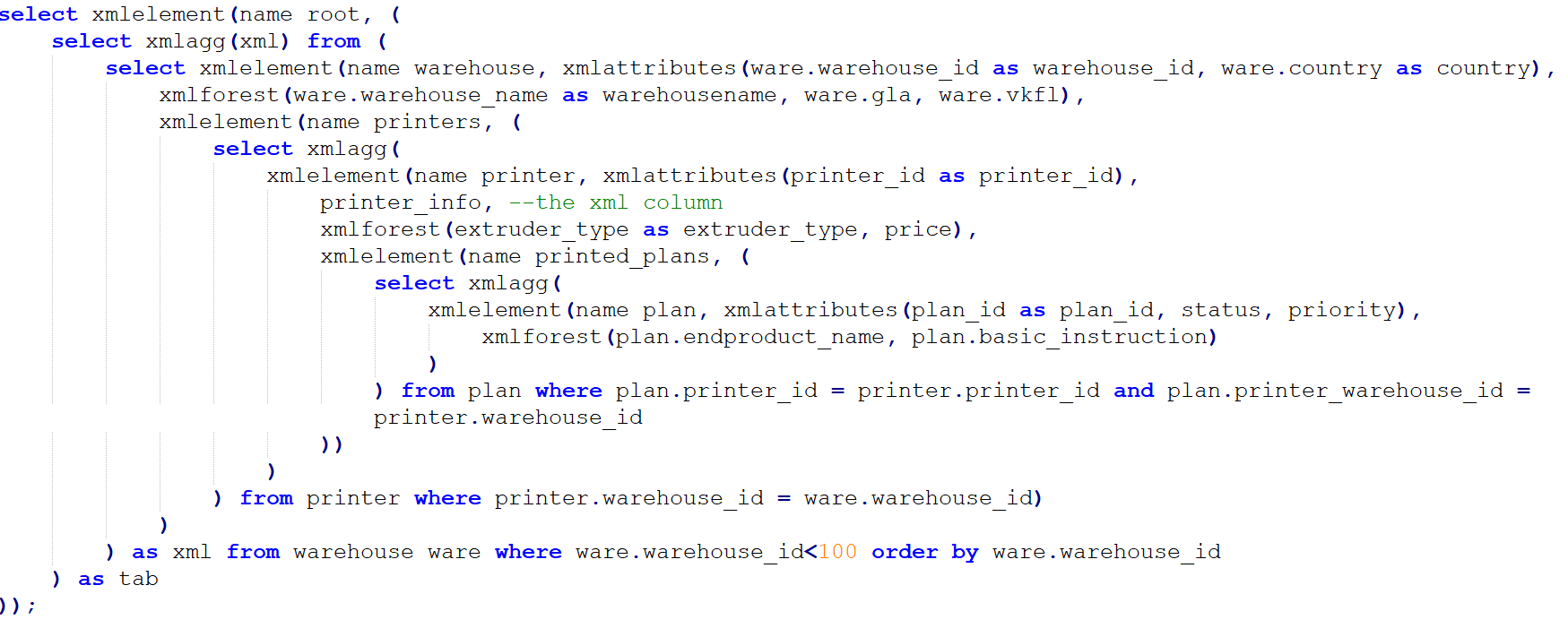
# Query 2

SQL





XMLSQL



<root>

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

<warehousename>The green kind warehouse</warehousename>

<gla>3600</gla>

<printers>

<printer printer\_id="9">

<printer\_info>

<name>Compuprint conventional 44</name>

<weight>30</weight>

<measurements>

<print\_width>52</print\_width>

<print\_depth>49</print\_depth>

<print\_height>48</print\_height>

</measurements>

</printer\_info>

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

<price>3400</price>

<printed\_plans>

<plan plan\_id="489" status="cancelled" priority="very low">

<endproduct\_name>The blue nasty Spoon</endproduct\_name>

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

</plan>

</printed\_plans>

</printer>

<printer printer\_id="263">

<printer\_info>

<name>Versatec self-confident 30</name>

<weight>100</weight>

<measurements>

<print\_width>28</print\_width>

<print\_depth>62</print\_depth>

<print\_height>41</print\_height>

</measurements>

</printer\_info>

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

<price>1270</price>

<printed\_plans>

<plan plan\_id="279" status="finished" priority="low">

<endproduct\_name>The olive wise Hoover</endproduct\_name>

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

</plan>

</printed\_plans>

</printer>

<printer printer\_id="280">

<printer\_info>

<name>AMT Datasouth ambitious 50</name>

<weight>40</weight>

<measurements>

<print\_width>92</print\_width>

<print\_depth>114</print\_depth>

<print\_height>30</print\_height>

</measurements>

</printer\_info>

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

<price>3170</price>

<printed\_plans/>

</printer>

<printer printer\_id="512">

<printer\_info>

<name>Heidelberg flirtatious 16</name>

<weight>50</weight>

<measurements>

<print\_width>66</print\_width>

<print\_depth>110</print\_depth>

<print\_height>19</print\_height>

</measurements>

</printer\_info>

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

<price>2730</price>

<printed\_plans/>

</printer>

<printer printer\_id="552">

<printer\_info>

<name>Kodak conservative 4</name>

<weight>80</weight>

<measurements>

<print\_width>29</print\_width>

<print\_depth>112</print\_depth>

<print\_height>45</print\_height>

</measurements>

</printer\_info>

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

<price>3230</price>

<printed\_plans/>

</printer>

<printer printer\_id="584">

<printer\_info>

<name>Benson, Inc. shy - introverted 39</name>

<weight>100</weight>

<measurements>

<print\_width>27</print\_width>

<print\_depth>99</print\_depth>

<print\_height>24</print\_height>

</measurements>

</printer\_info>

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

<price>2730</price>

<printed\_plans>

<plan plan\_id="9" status="working" priority="very low">

<endproduct\_name>The red emergency Clock</endproduct\_name>

<basic\_instruction>I would like you to do for me a STL file with Clock</basic\_instruction>

</plan>

</printed\_plans>

</printer>

<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>

<warehouse warehouse\_id="2" country="Austria">

<warehousename>The blue selfish warehouse</warehousename>

<gla>8300</gla>

<printers>

<printer printer\_id="320">

<printer\_info>

<name>Siemens Nixdorf flirtatious 48</name>

<weight>60</weight>

<measurements>

<print\_width>72</print\_width>

<print\_depth>15</print\_depth>

<print\_height>36</print\_height>

</measurements>

</printer\_info>

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

<price>5540</price>

<printed\_plans/>

</printer>

<printer printer\_id="350">

<printer\_info>

<name>Tektronix conceited 3</name>

<weight>10</weight>

<measurements>

<print\_width>60</print\_width>

<print\_depth>119</print\_depth>

<print\_height>21</print\_height>

</measurements>

</printer\_info>

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

<price>4360</price>

<printed\_plans>

<plan plan\_id="533" status="ready to prepare" priority="high">

<endproduct\_name>The maroon unable Smartphone</endproduct\_name>

<basic\_instruction>Make a Smartphone</basic\_instruction>

</plan>

<plan plan\_id="668" status="prepared" priority="very low">

<endproduct\_name>The teal emergency Dog</endproduct\_name>

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

</plan>

<plan plan\_id="914" status="cancelled" priority="low">

<endproduct\_name>The olive plastic Hoover</endproduct\_name>

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

</plan>

</printed\_plans>

</printer>

<printer printer\_id="476">

<printer\_info>

<name>Océ shy - introverted 9</name>

<weight>80</weight>

<measurements>

<print\_width>106</print\_width>

<print\_depth>96</print\_depth>

<print\_height>48</print\_height>

</measurements>

</printer\_info>

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

<price>3130</price>

<printed\_plans>

<plan plan\_id="557" status="finished" priority="high">

<endproduct\_name>The indigo independent Wallet</endproduct\_name>

<basic\_instruction>I would like you to do for me a STL file with Wallet</basic\_instruction>

</plan>

<plan plan\_id="938" status="almost finished" priority="high">

<endproduct\_name>The green female Computer</endproduct\_name>

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

</plan>

</printed\_plans>

</printer>

<printer printer\_id="492">

<printer\_info>

<name>InfoPrint open-minded 35</name>

<weight>80</weight>

<measurements>

<print\_width>61</print\_width>

<print\_depth>81</print\_depth>

<print\_height>31</print\_height>

</measurements>

</printer\_info>

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

<price>3010</price>

<printed\_plans>

<plan plan\_id="22" status="prepared" priority="low">

<endproduct\_name>The olive positive Latex Book</endproduct\_name>

<basic\_instruction>Create a Latex Book</basic\_instruction>

</plan>

</printed\_plans>

</printer>

<printer printer\_id="504">

<printer\_info>

<name>Nipson nuts 33</name>

<weight>20</weight>

<measurements>

<print\_width>60</print\_width>

<print\_depth>103</print\_depth>

<print\_height>11</print\_height>

</measurements>

</printer\_info>

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

<price>4730</price>

<printed\_plans>

<plan plan\_id="965" status="prepared" priority="very low">

<endproduct\_name>The navy confident Clock</endproduct\_name>

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

</plan>

</printed\_plans>

</printer>

<printer printer\_id="523">

<printer\_info>

<name>Nakajima dull 23</name>

<weight>20</weight>

<measurements>

<print\_width>14</print\_width>

<print\_depth>97</print\_depth>

<print\_height>27</print\_height>

</measurements>

</printer\_info>

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

<price>5240</price>

<printed\_plans>

<plan plan\_id="171" status="prepared" priority="very low">

<endproduct\_name>The green kind Cable</endproduct\_name>

<basic\_instruction>I would like you to do for me a STL file with Cable</basic\_instruction>

</plan>

<plan plan\_id="245" status="prepared" priority="very high">

<endproduct\_name>The brown dead Monitor</endproduct\_name>

<basic\_instruction>Make a Monitor</basic\_instruction>

</plan>

<plan plan\_id="757" status="working" priority="very high">

<endproduct\_name>The green sharp Ultrasonic Sensors for Mbot</endproduct\_name>

<basic\_instruction>Create a Ultrasonic Sensors for Mbot</basic\_instruction>

</plan>

<plan plan\_id="880" status="working" priority="high">

<endproduct\_name>The lime budget Latex Book</endproduct\_name>

<basic\_instruction>I would like you to do for me a STL file with Latex Book</basic\_instruction>

</plan>

</printed\_plans>

</printer>

<printer printer\_id="607">

<printer\_info>

<name>Copal flirtatious 45</name>

<weight>80</weight>

<measurements>

<print\_width>70</print\_width>

<print\_depth>46</print\_depth>

<print\_height>37</print\_height>

</measurements>

</printer\_info>

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

<price>1660</price>

<printed\_plans>

<plan plan\_id="814" status="prepared" priority="medium">

<endproduct\_name>The violet entire Printer</endproduct\_name>

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

</plan>

</printed\_plans>

</printer>

<printer printer\_id="684">

<printer\_info>

<name>Memorex Telex generous 9</name>

<weight>90</weight>

<measurements>

<print\_width>82</print\_width>

<print\_depth>60</print\_depth>

<print\_height>49</print\_height>

</measurements>

</printer\_info>

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

<price>1270</price>

<printed\_plans/>

</printer>

<printer printer\_id="987">

<printer\_info>

<name>TVS Electronics cantankerous 13</name>

<weight>80</weight>

<measurements>

<print\_width>70</print\_width>

<print\_depth>34</print\_depth>

<print\_height>19</print\_height>

</measurements>

</printer\_info>

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

<price>480</price>

<printed\_plans>

<plan plan\_id="550" status="cancelled" priority="very high">

<endproduct\_name>The red political Wallet</endproduct\_name>

<basic\_instruction>Make a Wallet</basic\_instruction>

</plan>

</printed\_plans>

</printer>

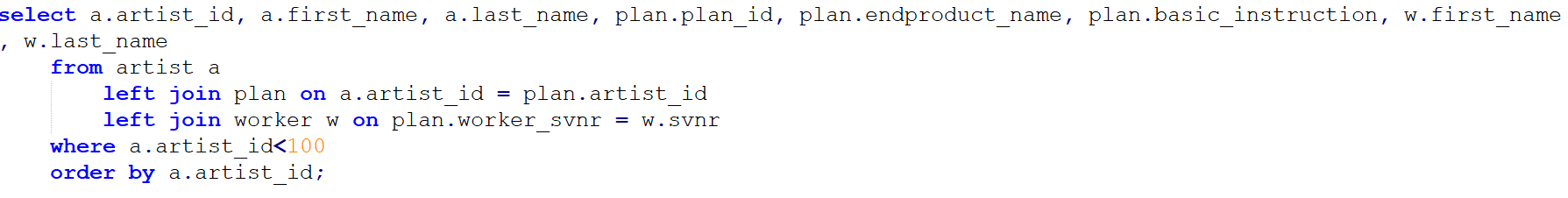
</printers>

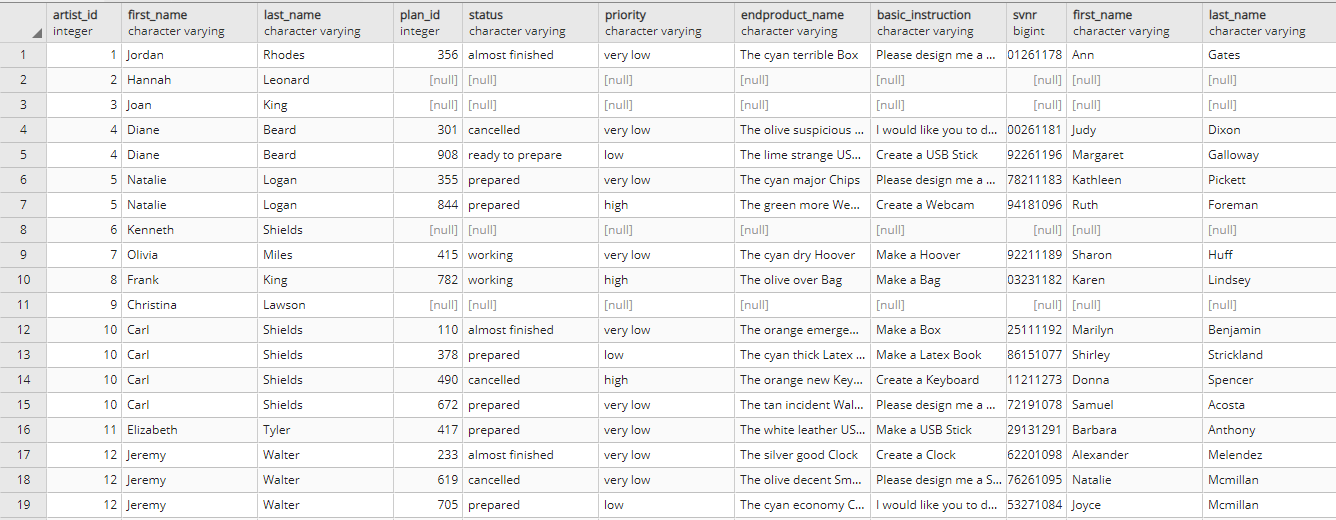
</warehouse>

</root>

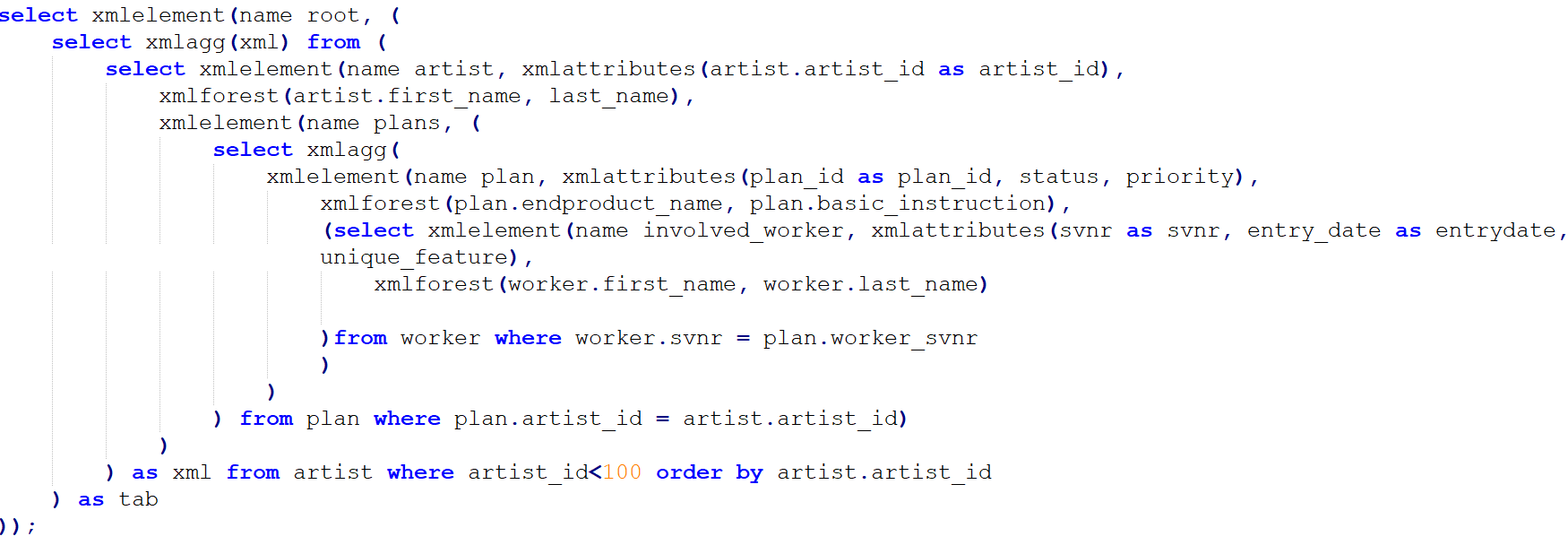
# Query 3

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>

<artist artist\_id="4">

<first\_name>Diane</first\_name>

<last\_name>Beard</last\_name>

<plans>

<plan plan\_id="301" status="cancelled" priority="very low">

<endproduct\_name>The olive suspicious Smartphone</endproduct\_name>

<basic\_instruction>I would like you to do for me a STL file with Smartphone</basic\_instruction>

<involved\_worker svnr="1200261181" entrydate="2016-06-09" unique\_feature="dull">

<first\_name>Judy</first\_name>

<last\_name>Dixon</last\_name>

</involved\_worker>

</plan>

<plan plan\_id="908" status="ready to prepare" priority="low">

<endproduct\_name>The lime strange USB Stick</endproduct\_name>

<basic\_instruction>Create a USB Stick</basic\_instruction>

<involved\_worker svnr="6592261196" entrydate="2014-01-14" unique\_feature="cautious">

<first\_name>Margaret</first\_name>

<last\_name>Galloway</last\_name>

</involved\_worker>

</plan>

</plans>

</artist>

<artist artist\_id="5">

<first\_name>Natalie</first\_name>

<last\_name>Logan</last\_name>

<plans>

<plan plan\_id="355" status="prepared" priority="very low">

<endproduct\_name>The cyan major Chips</endproduct\_name>

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

<involved\_worker svnr="7678211183" entrydate="2015-08-17" unique\_feature="sensible">

<first\_name>Kathleen</first\_name>

<last\_name>Pickett</last\_name>

</involved\_worker>

</plan>

<plan plan\_id="844" status="prepared" priority="high">

<endproduct\_name>The green more Webcam</endproduct\_name>

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

<involved\_worker svnr="8394181096" entrydate="2018-11-05" unique\_feature="moody">

<first\_name>Ruth</first\_name>

<last\_name>Foreman</last\_name>

</involved\_worker>

</plan>

</plans>

</artist>

<artist artist\_id="6">

<first\_name>Kenneth</first\_name>

<last\_name>Shields</last\_name>

<plans/>

</artist>

<artist artist\_id="7">

<first\_name>Olivia</first\_name>

<last\_name>Miles</last\_name>

<plans>

<plan plan\_id="415" status="working" priority="very low">

<endproduct\_name>The cyan dry Hoover</endproduct\_name>

<basic\_instruction>Make a Hoover</basic\_instruction>

<involved\_worker svnr="4092211189" entrydate="2016-01-18" unique\_feature="trustworthy">

<first\_name>Sharon</first\_name>

<last\_name>Huff</last\_name>

</involved\_worker>

</plan>

</plans>

</artist>

<artist artist\_id="8">

<first\_name>Frank</first\_name>

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

<plans>

<plan plan\_id="782" status="working" priority="high">

<endproduct\_name>The olive over Bag</endproduct\_name>

<basic\_instruction>Make a Bag</basic\_instruction>

<involved\_worker svnr="3503231182" entrydate="2014-10-02" unique\_feature="selfish">

<first\_name>Karen</first\_name>

<last\_name>Lindsey</last\_name>

</involved\_worker>

</plan>

</plans>

</artist>

<artist artist\_id="9">

<first\_name>Christina</first\_name>

<last\_name>Lawson</last\_name>

<plans/>

</artist>

<artist artist\_id="10">

<first\_name>Carl</first\_name>

<last\_name>Shields</last\_name>

<plans>

<plan plan\_id="110" status="almost finished" priority="very low">

<endproduct\_name>The orange emergency Box</endproduct\_name>

<basic\_instruction>Make a Box</basic\_instruction>

<involved\_worker svnr="4725111192" entrydate="2016-06-08" unique\_feature="ambitious">

<first\_name>Marilyn</first\_name>

<last\_name>Benjamin</last\_name>

</involved\_worker>

</plan>

<plan plan\_id="378" status="prepared" priority="low">

<endproduct\_name>The cyan thick Latex Book</endproduct\_name>

<basic\_instruction>Make a Latex Book</basic\_instruction>

<involved\_worker svnr="4686151077" entrydate="2016-07-24" unique\_feature="sensible">

<first\_name>Shirley</first\_name>

<last\_name>Strickland</last\_name>

</involved\_worker>

</plan>

<plan plan\_id="490" status="cancelled" priority="high">

<endproduct\_name>The orange new Keyboard</endproduct\_name>

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

<involved\_worker svnr="8211211273" entrydate="2014-02-07" unique\_feature="cheerful">

<first\_name>Donna</first\_name>

<last\_name>Spencer</last\_name>

</involved\_worker>

</plan>

<plan plan\_id="672" status="prepared" priority="very low">

<endproduct\_name>The tan incident Wallet</endproduct\_name>

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

<involved\_worker svnr="8872191078" entrydate="2015-07-13" unique\_feature="strict">

<first\_name>Samuel</first\_name>

<last\_name>Acosta</last\_name>

</involved\_worker>

</plan>

</plans>

</artist>

<artist artist\_id="11">

<first\_name>Elizabeth</first\_name>

<last\_name>Tyler</last\_name>

<plans>

<plan plan\_id="417" status="prepared" priority="very low">

<endproduct\_name>The white leather USB Stick</endproduct\_name>

<basic\_instruction>Make a USB Stick</basic\_instruction>

<involved\_worker svnr="3529131291" entrydate="2014-09-05" unique\_feature="big-headed">

<first\_name>Barbara</first\_name>

<last\_name>Anthony</last\_name>

</involved\_worker>

</plan>

</plans>

</artist>

<artist artist\_id="12">

<first\_name>Jeremy</first\_name>

<last\_name>Walter</last\_name>

<plans>

<plan plan\_id="233" status="almost finished" priority="very low">

<endproduct\_name>The silver good Clock</endproduct\_name>

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

<involved\_worker svnr="3262201098" entrydate="2013-04-14" unique\_feature="flirtatious">

<first\_name>Alexander</first\_name>

<last\_name>Melendez</last\_name>

</involved\_worker>

</plan>

<plan plan\_id="619" status="cancelled" priority="very low">

<endproduct\_name>The olive decent Smartphone</endproduct\_name>

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

<involved\_worker svnr="9776261095" entrydate="2016-05-03" unique\_feature="polite">

<first\_name>Natalie</first\_name>

<last\_name>Mcmillan</last\_name>

</involved\_worker>

</plan>

<plan plan\_id="705" status="prepared" priority="low">

<endproduct\_name>The cyan economy Clock</endproduct\_name>

<basic\_instruction>I would like you to do for me a STL file with Clock</basic\_instruction>

<involved\_worker svnr="8153271084" entrydate="2017-11-02" unique\_feature="very cruel">

<first\_name>Joyce</first\_name>

<last\_name>Mcmillan</last\_name>

</involved\_worker>

</plan>

<plan plan\_id="714" status="cancelled" priority="medium">

<endproduct\_name>The red resident Chips</endproduct\_name>

<basic\_instruction>I would like you to do for me a STL file with Chips</basic\_instruction>

<involved\_worker svnr="6290221080" entrydate="2015-11-08" unique\_feature="kind">

<first\_name>Danielle</first\_name>

<last\_name>Keller</last\_name>

</involved\_worker>

</plan>

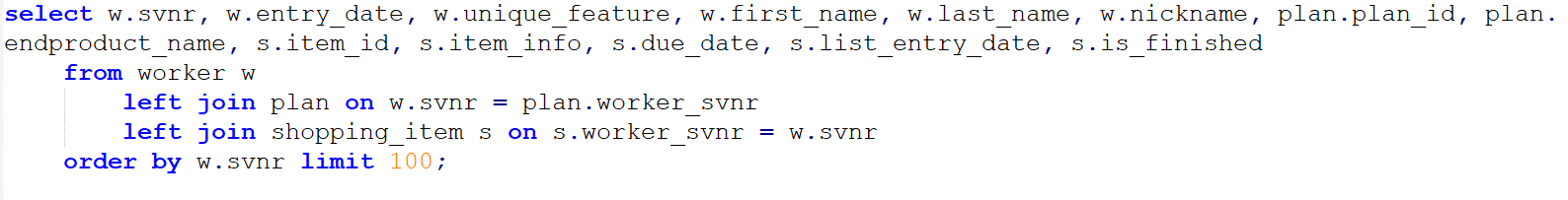
</plans>

</artist>

</root>

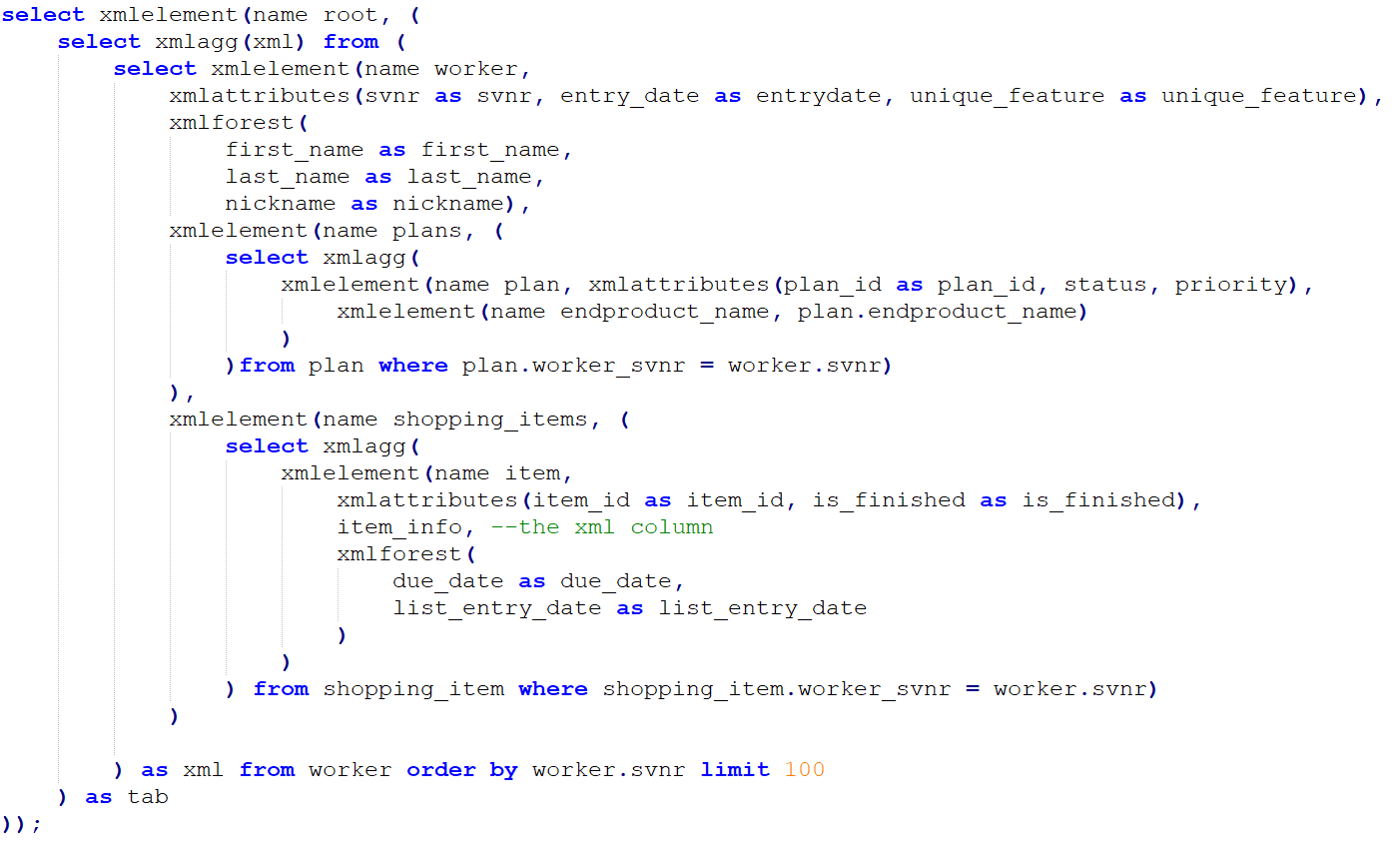
# Query 4

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>

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

<first\_name>Nicholas</first\_name>

<last\_name>Gamble</last\_name>

<nickname> Blind Joe Reynolds</nickname>

<plans/>

<shopping\_items/>

</worker>

<worker svnr="1004121294" entrydate="2016-05-14" unique\_feature="ambitious">

<first\_name>Carolyn</first\_name>

<last\_name>Garner</last\_name>

<nickname> Cow Cow Davenport</nickname>

<plans/>

<shopping\_items>

<item item\_id="250" is\_finished="false">

<item\_info>

<buying\_info>

<seller\_suggestion>Sears</seller\_suggestion>

<name>blue Keyboard</name>

</buying\_info>

<additional\_info>Business informatics rocks!</additional\_info>

</item\_info>

<due\_date>2019-05-25</due\_date>

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

</item>

</shopping\_items>

</worker>

<worker svnr="1016111279" entrydate="2014-11-01" unique\_feature="proud">

<first\_name>William</first\_name>

<last\_name>Barnes</last\_name>

<nickname> Hound Dog Taylor</nickname>

<plans/>

<shopping\_items/>

</worker>

<worker svnr="1021191092" entrydate="2018-05-10" unique\_feature="moody">

<first\_name>Kelly</first\_name>

<last\_name>Villarreal</last\_name>

<nickname> Blind Mississippi Morris</nickname>

<plans>

<plan plan\_id="709" status="ready to prepare" priority="low">

<endproduct\_name>The tan ordinary Hoover</endproduct\_name>

</plan>

</plans>

<shopping\_items>

<item item\_id="162" is\_finished="false">

<item\_info>

<buying\_info>

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

<name>yellow Latex Book</name>

</buying\_info>

<additional\_info>We are the best! Never forget that.</additional\_info>

</item\_info>

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

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

</item>

<item item\_id="959" is\_finished="false">

<item\_info>

<buying\_info>

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

<name>teal Box</name>

</buying\_info>

<additional\_info>We are the best! Never forget that.</additional\_info>

</item\_info>

<due\_date>2019-07-11</due\_date>

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

</item>

</shopping\_items>

</worker>

<worker svnr="1024101193" entrydate="2018-02-13" unique\_feature="conservative">

<first\_name>Roger</first\_name>

<last\_name>Everett</last\_name>

<nickname> Lead Belly</nickname>

<plans>

<plan plan\_id="358" status="working" priority="very low">

<endproduct\_name>The magenta few Ultrasonic Sensors for Mbot</endproduct\_name>

</plan>

<plan plan\_id="393" status="working" priority="low">

<endproduct\_name>The purple economy Wallet</endproduct\_name>

</plan>

</plans>

<shopping\_items>

<item item\_id="399" is\_finished="false">

<item\_info>

<buying\_info>

<seller\_suggestion>Costco</seller\_suggestion>

<name>gray Printer</name>

</buying\_info>

<additional\_info>Make it very nice.</additional\_info>

</item\_info>

<due\_date>2019-05-09</due\_date>

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

</item>

<item item\_id="931" is\_finished="false">

<item\_info>

<buying\_info>

<seller\_suggestion>Amazon</seller\_suggestion>

<name>blue Chips</name>

</buying\_info>

<additional\_info>Business informatics rocks!</additional\_info>

</item\_info>

<due\_date>2019-05-19</due\_date>

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

</item>

<item item\_id="936" is\_finished="false">

<item\_info>

<buying\_info>

<seller\_suggestion>Ebay</seller\_suggestion>

<name>silver Printer</name>

</buying\_info>

<additional\_info>Business informatics rocks!</additional\_info>

</item\_info>

<due\_date>2019-07-09</due\_date>

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

</item>

</shopping\_items>

</worker>

<worker svnr="1024191282" entrydate="2013-10-19" unique\_feature="cautious">

<first\_name>Katherine</first\_name>

<last\_name>Galloway</last\_name>

<nickname> Catfish Keith</nickname>

<plans/>

<shopping\_items/>

</worker>

<worker svnr="1025131095" entrydate="2018-04-25" unique\_feature="crazy">

<first\_name>Raymond</first\_name>

<last\_name>Richardson</last\_name>

<nickname> Pink Anderson</nickname>

<plans>

<plan plan\_id="370" status="ready to prepare" priority="medium">

<endproduct\_name>The lime unique Lamp</endproduct\_name>

</plan>

</plans>

<shopping\_items>

<item item\_id="85" is\_finished="false">

<item\_info>

<buying\_info>

<seller\_suggestion>Amazon</seller\_suggestion>

<name>olive Box</name>

</buying\_info>

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

</item\_info>

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

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

</item>

</shopping\_items>

</worker>

<worker svnr="1040231083" entrydate="2013-03-21" unique\_feature="weird">

<first\_name>Larry</first\_name>

<last\_name>Pratt</last\_name>

<nickname> Little Brother Montgomery</nickname>

<plans>

<plan plan\_id="289" status="prepared" priority="very high">

<endproduct\_name>The teal clean Cable</endproduct\_name>

</plan>

<plan plan\_id="489" status="cancelled" priority="very low">

<endproduct\_name>The blue nasty Spoon</endproduct\_name>

</plan>

</plans>

<shopping\_items>

<item item\_id="982" is\_finished="false">

<item\_info>

<buying\_info>

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

<name>lime Bag</name>

</buying\_info>

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

</item\_info>

<due\_date>2019-06-13</due\_date>

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

</item>

</shopping\_items>

</worker>

<worker svnr="1049231272" entrydate="2015-01-25" unique\_feature="naive">

<first\_name>Alexis</first\_name>

<last\_name>Mcdowell</last\_name>

<nickname> Junior Wells</nickname>

<plans>

<plan plan\_id="291" status="ready to prepare" priority="medium">

<endproduct\_name>The olive east Lamp</endproduct\_name>

</plan>

</plans>

<shopping\_items/>

</worker>

<worker svnr="1056141294" entrydate="2018-06-04" unique\_feature="sensitive">

<first\_name>Theresa</first\_name>

<last\_name>Grimes</last\_name>

<nickname> Big Maceo Merriweather</nickname>

<plans>

<plan plan\_id="512" status="finished" priority="low">

<endproduct\_name>The brown amazing Hoover</endproduct\_name>

</plan>

<plan plan\_id="517" status="finished" priority="high">

<endproduct\_name>The silver actual Keyboard</endproduct\_name>

</plan>

</plans>

<shopping\_items/>

</worker>

</root>