

Employeeet.xml (part 1)

```
1  <?xml version = "1.0"?>
2  <?xml-stylesheet type = "text/xsl" href = "employeeet_import.xsl"?>
3
4
5  <emp_inf>
6      <department>
7          <employee num="HRD-001">
8              <department_name>HRD</department_name>
9              <department_number>111</department_number>
10
11              <employee_name>
12                  <lastname>Jacob</lastname>
13                  <firstname>Timothy</firstname>
14                  <MI>P</MI>
15              </employee_name>
16
17              <date_hired>
18                  <month>June</month>
19                  <year>2015</year>
20              </date_hired>
21
22              <position>HR Manager</position>
23              <status>Permanent</status>
24              <salary>50000.00</salary>
25          </employee>
26
27          <employee num="HRD-002">
28              <department_name>HRD</department_name>
29              <department_number>111</department_number>
30              <employee_name>
31                  <lastname>Balong</lastname>
32                  <firstname>Aaron</firstname>
33                  <MI>B</MI>
34              </employee_name>
35
36              <date_hired>
37                  <month>March</month>
38                  <year>2020</year>
39              </date_hired>
40
41              <position>Staff</position>
42              <status>Permanent</status>
43              <salary>14000.00</salary>
44          </employee>
45
46          <employee num="HRD-003">
47              <department_name>HRD</department_name>
48              <department_number>111</department_number>
49              <employee_name>
50                  <lastname>Charmie</lastname>
51                  <firstname>Grace</firstname>
52                  <MI>S</MI>
53              </employee_name>
54
55              <date_hired>
56                  <month>March</month>
57                  <year>2021</year>
58              </date_hired>
59
60              <position>Staff</position>
61              <status>Probabitionary</status>
62              <salary>12000.00</salary>
63          </employee>
64
65          <employee num="HRD-004">
66              <department_name>HRD</department_name>
67              <department_number>111</department_number>
68
69              <employee_name>
70                  <lastname>Santos</lastname>
71                  <firstname>Ark</firstname>
72                  <MI>T</MI>
73              </employee_name>
74
75              <date_hired>
76                  <month>June</month>
77                  <year>2020</year>
78              </date_hired>
79
80              <position>Staff</position>
81              <status>Permanent</status>
82              <salary>14000.00</salary>
83          </employee>
84      </department>
85
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```
1  <department>
2      <employee num="MIS-001">
3          <department_number>222</department_number>
4          <department_name>MIS</department_name>
5          <employee_name>
6              <lastname>Banana</lastname>
7              <firstname>Anna</firstname>
8              <MI>K</MI>
9          </employee_name>
10
11         <date_hired>
12             <month>February</month>
13             <year>2018</year>
14         </date_hired>
15
16         <position>Programmer</position>
17         <status>Permanent</status>
18         <salary>30000.00</salary>
19     </employee>
20
21     <employee num="MIS-002">
22         <department_number>222</department_number>
23         <department_name>MIS</department_name>
24         <employee_name>
25             <lastname>Kim</lastname>
26             <firstname>Ryeowook</firstname>
27             <MI>A</MI>
28         </employee_name>
29
30         <date_hired>
31             <month>April</month>
32             <year>2017</year>
33         </date_hired>
34
35         <position>Project Manager</position>
36         <status>Permanent</status>
37         <salary>70000.00</salary>
38     </employee>
39
40     <employee num="MIS-003">
41         <department_number>222</department_number>
42         <department_name>MIS</department_name>
43         <employee_name>
44             <lastname>Leeteuk</lastname>
45             <firstname>Leeteuk</firstname>
46             <MI>L</MI>
47         </employee_name>
48
49         <date_hired>
50             <month>May</month>
51             <year>2009</year>
52         </date_hired>
53
54         <position>Programmer</position>
55         <status>Permanent</status>
56         <salary>50000.00</salary>
57     </employee>
58
59     <employee num="MIS-004">
60         <department_number>222</department_number>
61         <department_name>MIS</department_name>
62         <employee_name>
63             <lastname>Eunhyuk</lastname>
64             <firstname>Eunhyuk</firstname>
65             <MI>E</MI>
66         </employee_name>
67
68         <date_hired>
69             <month>September</month>
70             <year>2010</year>
71         </date_hired>
72
73         <position>Encoder</position>
74         <status>Permanent</status>
75         <salary>14000.00</salary>
76     </employee>
77 </department>
78
```

```
1      <department>
2          <employee num="MAR-001">
3              <department_number>333</department_number>
4              <department_name>Marketing</department_name>
5
6              <employee_name>
7                  <lastname>Lee</lastname>
8                  <firstname>Sungmin</firstname>
9                  <MI>B</MI>
10             </employee_name>
11
12             <date_hired>
13                 <month>January</month>
14                 <year>2021</year>
15             </date_hired>
16
17             <position>Marketing Head</position>
18             <status>Probationary</status>
19             <salary>40000.00</salary>
20         </employee>
21
22         <employee num="MAR-002">
23             <department_number>333</department_number>
24             <department_name>Marketing</department_name>
25
26             <employee_name>
27                 <lastname>Dela Cruz</lastname>
28                 <firstname>Juan</firstname>
29                 <MI>X</MI>
30             </employee_name>
31
32             <date_hired>
33                 <month>June</month>
34                 <year>2020</year>
35             </date_hired>
36
37             <position>Marketing Assistant</position>
38             <status>Permanent</status>
39             <salary>25000.00</salary>
40         </employee>
41
42         <employee num="MAR-003">
43             <department_number>333</department_number>
44             <department_name>Marketing</department_name>
45
46             <employee_name>
47                 <lastname>Jose</lastname>
48                 <firstname>Maria</firstname>
49                 <MI>J</MI>
50             </employee_name>
51
52             <date_hired>
53                 <month>August</month>
54                 <year>2020</year>
55             </date_hired>
56
57             <position>Staff</position>
58             <status>Permanent</status>
59             <salary>15000.00</salary>
60         </employee>
61
62         <employee num="MAR-004">
63             <department_number>333</department_number>
64             <department_name>Marketing</department_name>
65
66             <employee_name>
67                 <lastname>Palmer</lastname>
68                 <firstname>Roger</firstname>
69                 <MI>Z</MI>
70             </employee_name>
71
72             <date_hired>
73                 <month>March</month>
74                 <year>2021</year>
75             </date_hired>
76
77             <position>Staff</position>
78             <status>Probationary</status>
79             <salary>15000.00</salary>
80         </employee>
81     </department>
82 </emp_inf>
```

Employee.xsl (part 1)

```
1  <?xml version = "1.0" encoding = "UTF-8"?>
2  <xsl:stylesheet version = "1.0" xmlns:xsl = "http://www.w3.org/1999/XSL/Transform">
3    <xsl:key name = "misdep" match = "employee" use = "department_name"/>
4    <xsl:key name = "stat" match = "employee" use = "status"/>
5    <xsl:key name = "hr" match = "employee" use = "position"/>
6    <xsl:template match="/">
7      <html>
8        <head>
9          <style>
10            body {
11              background-image: url("https://cdn.discordapp.com/attachments/764139209937125387/839817438467194920/Asus-Zenfone-5-Lite-Stock-Wallpapers_Techbeasts.com-3.jpg");
12              background-size: cover;
13
14              font-size: 25px;
15            }
16            table {
17              text-align: center;
18              margin-left: 5%;
19              margin-right: 5%;
20              font-family: Arial, Helvetica, sans-serif;
21              border-collapse: collapse;
22            }
23
24            td, th {
25              border: 1px solid #ddd;
26              padding: 8px;
27            }
28
29            tr:nth-child(even){
30              background-color: #c6e0ff;
31            }
32            tr:nth-child(odd){
33              background-color: #b3d1ff;
34            }
35
36            tr:hover {
37              background-color: #e6f0ff;
38            }
39
40            th {
41              padding-top: 12px;
42              padding-bottom: 12px;
43              background-color: #668cff;
44            }
45
46            h1, h2, h3 {
47              font-family: courier new;
48
49            }
50            center {
51              background: rgba(255, 255, 255, .4);
52            }
53          </style>
54        </head>
55
56        <body>
57          <center>
58            <h1>All Employee Data</h1>
59            <table border = "1">
60              <tr>
61                <th rowspan="2">Department Number</th>
62                <th rowspan="2">Department Name</th>
63                <th rowspan="2">Employee Number</th>
64                <th colspan="3">Employee Name</th>
65                <th colspan="2">Date Hired</th>
66                <th rowspan="2">Position</th>
67                <th rowspan="2">Status</th>
68                <th rowspan="2">Salary</th>
69              </tr>
70
71              <tr>
72                <th>LastName</th>
73                <th>FirstName</th>
74                <th>M I</th>
75                <th>Month</th>
76                <th>Year</th>
77              </tr>
78
79              <xsl:for-each select="emp_inf/department/employee">
80                <tr>
81                  <td><xsl:value-of select="department_number"/></td>
82                  <td><xsl:value-of select="department_name"/></td>
83                  <td><xsl:value-of select="@num"/></td>
84                  <td><xsl:value-of select="employee_name/lastname"/></td>
85                  <td><xsl:value-of select="employee_name/firstname"/></td>
86                  <td><xsl:value-of select="employee_name/MI"/></td>
87                  <td><xsl:value-of select="date_hired/month"/></td>
88                  <td><xsl:value-of select="date_hired/year"/></td>
89                  <td><xsl:value-of select="position"/></td>
90                  <td><xsl:value-of select="status"/></td>
91                  <td><xsl:value-of select="concat(substring(salary,0,3) , ' ' ,substring(salary,3,10))"/></td>
92                </tr>
93              </xsl:for-each>
94            </table>
95
96            <h1>Employees from MIS Department</h1>
97            <table border = "1">
98              <tr>
99                <th colspan="3">Employee Name</th>
100              </tr>
101
102              <tr>
103                <th>LastName</th>
104                <th>FirstName</th>
105                <th>M I</th>
106              </tr>
107
108              <xsl:for-each select= "key('misdep', 'MIS')">
109                <tr>
110                  <td><xsl:value-of select="employee_name/lastname"/></td>
111                  <td><xsl:value-of select="employee_name/firstname"/></td>
112                  <td><xsl:value-of select="employee_name/MI"/></td>
113                </tr>
114              </xsl:for-each>
115            </table>
116
117            <h1>Hired Employees as of March 2021</h1>
118            <table border = "1">
119              <tr>
120                <th colspan="3">Employee Name</th>
121                <th colspan="2">Date Hired</th>
122              </tr>
123
124              <tr>
125                <th>LastName</th>
126                <th>FirstName</th>
127                <th>M I</th>
128                <th>Month</th>
129                <th>Year</th>
130              </tr>
131
132              <xsl:for-each select="emp_inf/department/employee">
133                <xsl:if test="contains(date_hired/month, 'March') and contains(date_hired/year, '2021')">
134                  <tr>
135                    <td><xsl:value-of select="employee_name/lastname"/></td>
136                    <td><xsl:value-of select="employee_name/firstname"/></td>
137                    <td><xsl:value-of select="employee_name/MI"/></td>
138                    <td><xsl:value-of select="date_hired/month"/></td>
139                    <td><xsl:value-of select="date_hired/year"/></td>
140                  </tr>
141                </xsl:if>
142              </xsl:for-each>
143            </table>
144
145            <h1>Permanent Employees</h1>
146            <table border = "1">
147              <tr>
148                <th rowspan="2">Department Number</th>
149                <th rowspan="2">Department Name</th>
150                <th rowspan="2">Employee Number</th>
151                <th colspan="3">Employee Name</th>
152                <th colspan="2">Date Hired</th>
153                <th rowspan="2">Position</th>
154                <th rowspan="2">Status</th>
155                <th rowspan="2">Salary</th>
156              </tr>
157
158              <tr>
159                <th>LastName</th>
160                <th>FirstName</th>
161                <th>M I</th>
162                <th>Month</th>
163                <th>Year</th>
164              </tr>
165
166              <xsl:for-each select="key('stat', 'Permanent')">
167                <tr>
168                  <td><xsl:value-of select="department_number"/></td>
169                  <td><xsl:value-of select="department_name"/></td>
170                  <td><xsl:value-of select="@num"/></td>
171                  <td><xsl:value-of select="employee_name/lastname"/></td>
172                  <td><xsl:value-of select="employee_name/firstname"/></td>
173                  <td><xsl:value-of select="employee_name/MI"/></td>
174                  <td><xsl:value-of select="date_hired/month"/></td>
175                  <td><xsl:value-of select="date_hired/year"/></td>
176                  <td><xsl:value-of select="position"/></td>
177                  <td><xsl:value-of select="status"/></td>
178                  <td><xsl:value-of select="concat(substring(salary,0,3) , ' ' ,substring(salary,3,10))"/></td>
179                </tr>
180              </xsl:for-each>
181            </table>
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Employee.xsl (part 2)

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<h1>Employees with salary not less than 30,000</h1>

<table border ="1">

  <tr>
    <th rowspan="2">Department Number</th>
    <th rowspan="2">Department Name</th>
    <th rowspan="2">Employee Number</th>
    <th colspan="3">Employee Name</th>
    <th colspan="2">Date Hired</th>
    <th rowspan="2">Position</th>
    <th rowspan="2">Status</th>
    <th rowspan="2">Salary</th>
  </tr>

  <tr>
    <th>LastName</th>
    <th>FirstName</th>
    <th>M I</th>
    <th>Month</th>
    <th>Year</th>
  </tr>

  <xsl:for-each select= "emp_inf/department/employee">
    <xsl:choose>
      <xsl:when test="salary >= 29000.00 ">
        <tr>
          <td><xsl:value-of select="department_number"/></td>
          <td><xsl:value-of select="department_name"/></td>
          <td><xsl:value-of select="@num"/></td>
          <td><xsl:value-of select="employee_name/lastname"/></td>
          <td><xsl:value-of select="employee_name/firstname"/></td>
          <td><xsl:value-of select="employee_name/MI"/></td>
          <td><xsl:value-of select="date_hired/month"/></td>
          <td><xsl:value-of select="date_hired/year"/></td>
          <td><xsl:value-of select="position"/></td>
          <td><xsl:value-of select="status"/></td>
          <td><xsl:value-of select="concat(substring(salary,0,3) , ',' ,substring(salary,3,10))"/></td>
        </tr>
      </xsl:when>
    </xsl:choose>
  </xsl:for-each>

</table>

<h1>HR Manager Information</h1>

<table border ="1">
  <tr>
    <th rowspan="2">Department Number</th>
    <th rowspan="2">Department Name</th>
    <th rowspan="2">Employee Number</th>
    <th colspan="3">Employee Name</th>
    <th colspan="2">Date Hired</th>
    <th rowspan="2">Position</th>
    <th rowspan="2">Status</th>
    <th rowspan="2">Salary</th>
  </tr>

  <tr>
    <th>LastName</th>
    <th>FirstName</th>
    <th>M I</th>
    <th>Month</th>
    <th>Year</th>
  </tr>
  <xsl:for-each select="key('hr', 'HR Manager')">
    <tr>
      <td><xsl:value-of select="department_number"/></td>
      <td><xsl:value-of select="department_name"/></td>
      <td><xsl:value-of select="@num"/></td>
      <td><xsl:value-of select="employee_name/lastname"/></td>
      <td><xsl:value-of select="employee_name/firstname"/></td>
      <td><xsl:value-of select="employee_name/MI"/></td>
      <td><xsl:value-of select="date_hired/month"/></td>
      <td><xsl:value-of select="date_hired/year"/></td>
      <td><xsl:value-of select="position"/></td>
      <td><xsl:value-of select="status"/></td>
      <td><xsl:value-of select="concat(substring(salary,0,3) , ',' ,substring(salary,3,10))"/></td>
    </tr>
  </xsl:for-each>
</table>

</center>

</body>
</html>
</xsl:template>
</xsl:stylesheet>

```

Employeeet_import.xsl

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1
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6
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```

```

<?xml version = "1.0" encoding = "UTF-8"?>
<xsl:stylesheet version = "1.0" xmlns:xsl = "http://www.w3.org/1999/XSL/Transform">
  <xsl:import href="Employee.xsl"/>
  <xsl:template match = "/">
    <xsl:apply-imports />
  </xsl:template>
</xsl:stylesheet>

```

All Employee Data										
Department Number	Department Name	Employee Number	Employee Name			Date Hired		Position	Status	Salary
			LastName	FirstName	M I	Month	Year			
111	HRD	HRD-001	Jacob	Timothy	P	June	2015	HR Manager	Permanent	50,000.00
111	HRD	HRD-002	Balong	Aaron	B	March	2020	Staff	Permanent	14,000.00
111	HRD	HRD-003	Charmie	Grace	S	March	2021	Staff	Probationary	12,000.00
111	HRD	HRD-004	Santos	Ark	T	June	2020	Staff	Permanent	14,000.00
222	MIS	MIS-001	Banana	Anna	K	February	2018	Programmer	Permanent	30,000.00
222	MIS	MIS-002	Kim	Ryeowook	A	April	2017	Project Manager	Permanent	70,000.00
222	MIS	MIS-003	Leeteuk	Leeteuk	L	May	2009	Programmer	Permanent	50,000.00
222	MIS	MIS-004	Eunhyuk	Eunhyuk	E	September	2010	Encoder	Permanent	14,000.00
333	Marketing	MAR-001	Lee	Sungmin	B	January	2021	Marketing Head	Probationary	40,000.00
333	Marketing	MAR-002	Dela Cruz	Juan	X	June	2020	Marketing Assistant	Permanent	25,000.00
333	Marketing	MAR-003	Jose	Maria	J	August	2020	Staff	Permanent	15,000.00
333	Marketing	MAR-004	Palmer	Roger	Z	March	2021	Staff	Probationary	15,000.00

Employee Name		
LastName	FirstName	M I
Banana	Anna	K
Kim	Ryeowook	A

Employees from MIS Department

Employees from MIS Department

Hired Employees as of March 2021

Permanent Employees

Permanent Employees

Employees with salary not less than
30,000

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222	MIS	MIS-003	Leeteuk	Leeteuk	L	May	2009	Programmer	Permanent	50,000.00
222	MIS	MIS-004	Eunhyuk	Eunhyuk	E	September	2010	Encoder	Permanent	14,000.00
333	Marketing	MAR-002	Dela Cruz	Juan	X	June	2020	Marketing Assistant	Permanent	25,000.00
333	Marketing	MAR-003	Jose	Maria	J	August	2020	Staff	Permanent	15,000.00

Employees with salary not less than 30,000

Department Number	Department Name	Employee Number	Employee Name			Date Hired		Position	Status	Salary
			LastName	FirstName	M I	Month	Year			
111	HRD	HRD-001	Jacob	Timothy	P	June	2015	HR Manager	Permanent	50,000.00
222	MIS	MIS-001	Banana	Anna	K	February	2018	Programmer	Permanent	30,000.00
222	MIS	MIS-002	Kim	Ryeowook	A	April	2017	Project Manager	Permanent	70,000.00
222	MIS	MIS-003	Leeteuk	Leeteuk	L	May	2009	Programmer	Permanent	50,000.00
333	Marketing	MAR-001	Lee	Sungmin	B	January	2021	Marketing Head	Probationary	40,000.00

HR Manager Information

Department Number	Department Name	Employee Number	Employee Name			Date Hired		Position	Status	Salary
			LastName	FirstName	M I	Month	Year			
111	HRD	HRD-001	Jacob	Timothy	P	June	2015	HR Manager	Permanent	50,000.00