```
#include <iostream>
#include<iomanip>
#include <occi.h>

using oracle::occi::Environment;
using oracle::occi::Connection;
using namespace oracle::occi;
using namespace std;

int main(void)
{
        Environment* env = nullptr;
        Connection* conn = nullptr;
   Statement* stmt = nullptr;

        string str;
        string usr = "dbs211_222j04";
        string pass = "12141168";
        string srv = "myoracle12c.senecacollege.ca:1521/oracle12c";

   try
   {
      env = Environment::createEnvironment(Environment::DEFAULT);
      conn = env->createConnection(usr, pass, srv);
      stmt = conn->createStatement();


      ResultSet* rs = nullptr;
      rs = stmt->executeQuery("SELECT EMPLOYEENUMBER, FIRSTNAME, LASTNAME, PHONE,
EXTENSION FROM RETAILEMPLOYEES INNER JOIN RETAILOFFICES ON
RETAILEMPLOYEES.OFFICECODE = RETAILOFFICES.OFFICECODE WHERE RETAILOFFICES.CITY =
'San Francisco' ORDER BY EMPLOYEENUMBER");
      cout << "------------------------- Report 1 (Employee Report) ------------------------------" << endl;
      cout << "Employee ID   First Name          Last Name       Phone           Extension" << endl;
      cout << "------------  ------------------   ---------------  ---------------  ----------" << endl;

      if (!rs->next())
      {
         cout << "ResultSet is empty." << endl;
      }
      else
      {
         do
         {
            cout << setw(14) << left << rs->getString(1) << setw(21) << left << rs->getString(2) <<
setw(16) << left << rs->getString(3) << setw(18) << left << rs->getString(4) << setw(16) << left <<
rs->getString(5) << endl;
         } while (rs->next());

      }

      ResultSet* sr = nullptr;
      sr = stmt->executeQuery("SELECT DISTINCT t2. EMPLOYEENUMBER,
t2.FIRSTNAME,t2.LASTNAME, PHONE, t2.EXTENSION FROM RETAILEMPLOYEES t LEFT JOIN
RETAILEMPLOYEES t2 ON t.REPORTSTO = t2.EMPLOYEENUMBER JOIN RETAILOFFICES t3 ON
t2.OFFICECODE = t3.OFFICECODE WHERE t3.OFFICECODE IN (1,6,5,4) AND t.REPORTSTO IS NOT
NULL ORDER BY EMPLOYEENUMBER");
      cout << endl << "------------------------- Report 2 (Manager Report) ------------------------------" <<
endl;
      cout << "Employee ID   First Name          Last Name       Phone          Extension" << endl;
      cout << "------------  ------------------   ---------------  ---------------  ----------" << endl;

      if (!sr->next())
      {
         cout << "ResultSet is empty." << endl;
      }
      else
      {
         do
         {
            cout << setw(14) << left << sr->getString(1) << setw(21) << left << sr->getString(2) <<
setw(16) << left << sr->getString(3) << setw(18) << left << sr->getString(4) << setw(16) << left <<
sr->getString(5) << endl;
         } while (sr->next());

      }
      conn->terminateStatement(stmt);
      env->terminateConnection(conn);
      Environment::terminateEnvironment(env);
   }
      catch (SQLException& sqlExcp) {
      cout << sqlExcp.getErrorCode() << ": " << sqlExcp.getMessage();
   }
   return 0;
}
```