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//=====
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// Section:    DBS211NFF
// Workshop:   Part 1 of Assignment
//=====
#include <iostream>
#include <occi.h>
#include "Menu.h"

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

int main(void)
{
    // OCCI Variables
    Environment* env = nullptr;
    Connection* conn = nullptr;

    // Defining Employee Object
    Employee emp = {};

    // Used Variables for Connection
    string user = "dbs211_202f31";
    string pass = "15004242";
    string constr = "myoracle12c.senecacollege.ca:1521/oracle12c";

    try {
        env = Environment::createEnvironment(Environment::DEFAULT);
        conn = env->createConnection(user, pass, constr);

        int value = -1;

        do
        {
            value = menu();
            int empNum = 0;

            switch (value) {
                case 1: {
                    cout << "Search for employee number : ";
                    empNum = isDigit();
                    int result = findEmployee(conn, empNum, &emp);
                    if (result == 1)
                    {
                        displayEmployee(conn, &emp);
                    }

                    value = -1;
                    break;
                }
                case 2: {
                    displayAllEmployees(conn);
                    value = -1;
                    break;
                }
                case 3: {
                    cout << "Add...\n";
                    value = -1;
                    break;
                }
            }
        }
    }
}

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        case 4: {
            cout << "Update...\n";
            value = -1;
            break;
        }
        case 5: {
            cout << "Remove...\n";
            value = -1;
            break;
        }
        case 0: {
            cout << "The program is terminated.\n";
            break;
        }
        default:
            printf("Wrong input, please try again...\n");
            value = -1;
    }
} while (value == -1);

terminate(env, conn);

}
catch (SQLException& sqlExcp) {
    cout << "ERROR -> ";
    cout << sqlExcp.getErrorCode() << ": " << sqlExcp.getMessage();
}
return 0;
}

```