

```

//assignment 2 Liam Daniell
#include <iostream>
#include <string>
using namespace std;

int main()
{
    //variables
    int num_children, child_age, num_products, i = 1, j = 1, code;
    string first_name, last_name, address, child_first, child_last;
    float hours, rate;
    double id, salary, sale;
    char child_gender = ' ';
    cout.setf(ios::fixed);
    cout.setf(ios::showpoint);
    cout.precision(2);

    //code
    for (i; i < 6; i++)
    {
        cout << "employee: " << i << endl;
        cout << "Enter first name: ";
        cin >> first_name;
        cout << "Enter last name: ";
        cin >> last_name;
        cout << "Enter in address: ";
        cin >> address;
        cout << "Enter in id: ";
        cin >> id;
        cout << "Enter number of children: ";
        cin >> num_children;
        for (j = 1; j < num_children + 1; j++)
        {
            cout << "Child " << j << endl;
            cout << "Enter child's name: ";
            cin >> child_first;
            cin >> child_last;
            cout << "Enter child's age: ";
            cin >> child_age;
            cout << "Enter child's gender(m/f): ";
            cin >> child_gender;
            cout << endl << "child " << j << ", ";
            cout << child_first << " " << child_last << ", " << child_age << ",
" << child_gender << endl;
        }
        cout << "Employee codes: 1(manager), 2(Hourly worker), 3(Commision worker),
4(Piece worker)" << endl;
        cin >> code;
        switch (code)
        {
            case 1:
                salary = 5000;
                cout << "Salary is: " << salary << endl;
                break;
            case 2:
                cout << "Enter in your hours: ";
                cin >> hours;

```

```

        cout << "Enter in your rate: ";
        cin >> rate;
        if (hours <= 40)
        {
            salary = hours * rate;
            cout << "Salary is: " << salary << endl;
        }
        else
        {
            salary = 40 * rate + (hours - 40) * rate * 1.5;
            cout << "Salary is: " << salary << endl;
        }
        break;
    case 3:
        cout << "Enter in your sale: ";
        cin >> sale;
        salary = sale * .057 + 250;
        cout << "salary is: " << salary << endl;
        break;
    case 4:
        cout << "Enter number of products: ";
        cin >> num_products;
        cout << "Enter your rate: ";
        cin >> rate;
        salary = rate * num_products;
        cout << "Salary is: " << salary << endl;
        break;
    }

}

system("pause");
return 0;
}

```