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1  /*Payslip processing program in c++*/
2  #include <iostream>
3  #include <string.h>
4  #include <bits/stdc++.h>
5  using namespace std;
6
7  class Payslip
8  {
9  private:
10     int id;
11     string name;
12     string dob;
13     string doj;
14     string designation;
15     string phone;
16     string dept;
17     double bSalary;
18     double travelA;
19     double foodA;
20     double houseR;
21     double medicalA;
22     int attendance;
23     double grossSalary;
24     double deduction;
25     double payableSalary;
26     double dayAbsent ;
27     double dayBasicSalary ;
28     void inputEmployeeInfo ();
29
30 public:
31     void showPaySlip ();
32 };
33
34 void Payslip::inputEmployeeInfo ()
35 {
36     cout << "Enter ID: ";
37     cin >> id;
38     cin.ignore();
39     cout << "Enter Name: ";
40     getline(cin, name);
41     cout << "Enter Date of Birth: ";
42     cin >> dob;
43     cout << "Enter Date of Joining: ";
44     cin >> doj;
45     cout << "Enter Designation: ";
46     cin.ignore();
47     getline(cin, designation);
48     cout << "Enter Phone: ";
49     cin >> phone;
50     cout << "Enter Department: ";
51     cin >> dept;
52     cout << "Enter Basic Salary: ";
53     cin >> bSalary;
54     cout << "Enter Travel Allowance: ";
55     cin >> travelA;
56     travelA = (bSalary * travelA) / 100;
57     cout << "Enter Food Allowance: ";
58     cin >> foodA;
59     foodA = (bSalary * foodA) / 100;
60     cout << "Enter House Rent: ";
61     cin >> houseR;
62     houseR = (bSalary * houseR) / 100;
63     cout << "Enter Medical Allowance: ";
64     cin >> medicalA;
65     medicalA = (bSalary * medicalA) / 100;
66     grossSalary = (bSalary + travelA + foodA + houseR + medicalA);
67     cout << "Enter Attendance: ";
68     cin >> attendance;
69     dayAbsent = 30 - attendance;
70     dayBasicSalary = (bSalary / 30);
71     deduction = dayBasicSalary * dayAbsent ;
72     payableSalary = grossSalary - deduction;
73 }
74
75 void Payslip::showPaySlip()
76 {
77     inputEmployeeInfo ();

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78     int day = 30;
79     cout << "\t\t\tShahmin Group\n";
80     cout << "\t\tPay Slip for the Month of June-2022\n";
81     cout << "Basic Information:\n";
82     cout << "Employee Id: \t\t\t" << id << endl;
83     cout << "Name: \t\t\t\t" << name << endl;
84     cout << "Designation: \t\t\t" << designation << endl;
85     cout << "Department: \t\t\t" << dept << endl;
86     cout << "Date of Birth: \t\t\t" << dob << endl;
87     cout << "Date of Joining: \t\t" << doj << endl;
88     cout << "Contact: \t\t\t" << phone << endl;
89     cout << "\nAttendance Information:\n";
90     cout << "Total Days: \t\t\t" << day << endl;
91     cout << "Present Days: \t\t\t" << attendance << endl;
92     cout << "Absent Days:\t\t\t" << dayAbsent << endl;
93     cout << "\nSalary Information:\n";
94     cout << "Basic Salary: \t\t\t" << bSalary << endl;
95     cout << "House Rent: \t\t\t" << houseR << endl;
96     cout << "Food Allowance: \t\t" << foodA << endl;
97     cout << "Travel Allowance:\t\t" << travelA << endl;
98     cout << "Medical Allowance: \t\t" << medicalA << endl;
99
100     cout << "\n";
101     cout << "Total Salary: \t\t\t" << fixed << setprecision(2) << grossSalary << endl;
102     cout << "Deduction for absenteeism: \t" << fixed << setprecision(2) << deduction <<
endl;
103     cout << "Total Payable Salary:\t\t" << fixed << setprecision(2) << payableSalary <<
endl;
104 }
105
106 int main()
107 {
108     Payslip rahim;
109     rahim.showPaySlip();
110     return 0;
111 }
112

```