

```

1  #include <iostream>
2  #include <string>
3
4  using namespace std;
5
6  class Employee
7  {
8      public:
9          double totalPay(int hoursWorked, double hourlyRate);
10         Employee(string name, int age, int hoursWorked, double hourlyRate);
11         void printInfo() const;
12
13     private:
14         string name;
15         int age;
16         int hoursWorked;
17         double hourlyRate;
18 };
19
20 int main()
21 {
22     Employee emp("Ash", 24, 47, 500);
23     cout << endl;
24
25     string empType = "full time";
26     int tot = emp.totalPay(47, 500);
27     if (empType == "full time")
28         cout << tot * (500 * 2);
29     else
30         cout << emp.totalPay(47, 500);
31
32     return 0;
33 }
34
35 double Employee::totalPay(int hrsWorked, double hrlyRate)
36 {
37     return hrsWorked * hrlyRate;
38 }
39
40 Employee::Employee(string name, int age, int hoursWorked, double hourlyRate)
41 {
42     name = name;
43     age = age;
44     hoursWorked = hoursWorked;
45     hourlyRate = hourlyRate;
46
47     cout << "Name is: " << name << endl << "Age: " << age << endl << "Hours worked: " << hoursWorked << endl
48     << "Hourly rate: " << hourlyRate;
49 }
50
51 //void Employee::printInfo() const
52 //{
53     //cout << "Name is: " << name << endl << "Age: " << age << endl << "Hours worked: " << hoursWorked <<
endl
54     //<< "Hourly rate: " << hourlyRate;
55 //}

```