Meeting 2 Problem 1 I Ketut Ezra Hesperos Maska
Payslip Explanation 24/546552/PA/23205

==========

Problem

Problem : Create a program of payslip for employees, displayed in a table format, calculate the net salary after tax, installment, and insurance deductions.

Explanation

First, we initialize the essential variables to store the data values, then we start with output questions for the user to input their name and salary. After that, we have to calculate the employee's net salary by deducting tax and fixed costs to his/her gross salary. At the end, the program will output the calculated amount of the net salary.

Benefit

By using this program, users/employees in this case would be able to find and calculate their net salary simply by inputting their gross salary. This program would benefit them by calculating payslips more effectively, efficiently and accurately.

The Code Explained

```
#include <iostream>
#include <string>
using namespace std;

string payslip(int n) {
   // header
   cout << "Payslip for Employee"; ⇒ output the title
   cout << "\n----------"; ⇒ output a barrier

   // variables
   string name; ⇒ initialize a string to store the user's name
   int sal; ⇒ initialize a string to store the user's salary
   double tax = 0.2; ⇒ initialize an integer to store tax percentage
   int instal = 200000; ⇒ initialize an integer to store installment price
   int insur = 150000; ⇒ initialize an integer to store insurance price

   // input name
   cout << "\nName: "; ⇒ output question for the user to input their name
   cin >> name; ⇒ store the user's input of name to a string called "name"

   // input salary
   cout << "Gross Salary: Rp"; ⇒ output question for the user to input their salary
   cin >> sal; ⇒ store the user's input of salary to an integer called "sal"
   // operations
```

```
    int netax = sal*tax; ⇒ calculate the user’s salary after taxes and store it in an integer called “netax”
    int net = sal-(netax+instal+insur); ⇒ calculate the user’s net worth and store it in an integer called “net”

    // print
    cout << "Tax (20%): Rp" << netax; ⇒ output the tax percentage
    cout << "\nInstallment: Rp" << instal; ⇒ output the installment price
    cout << "\nInsurance: Rp" << insur; ⇒ output the insurance price
    cout << "\nNet Salary: Rp" << net; ⇒ output the net salary

    return 0;
}
```