// calculate income including overtime minus tax

# include <stdio.h>

# include <stdlib.h>

// take input from user

int main(void)

{

// get input from user(name, employee number, tax pin, hours worked)

char name[12];

char employee\_number[10];

char tax\_pin[12];

int hours\_worked;

float hourly\_rate;

float income;

float tax;

float overtime;

float total\_income;

float net\_income;

hourly\_rate = 1000.00;

tax = 0.30;

overtime = 1.5;

printf("Enter your name: ");

scanf("%s", name);

printf("Enter your employee number: ");

scanf("%d", &employee\_number);

printf("Enter your tax pin: ");

scanf("%s", tax\_pin);

printf("Enter your hours worked: ");

scanf("%d", &hours\_worked);

// create if statement to check if hours worked is greater than 40

if (hours\_worked > 40)

{

// calculate income including overtime

income = (hours\_worked - 40) \* hourly\_rate \* overtime;

// calculate overtime

overtime = (hours\_worked - 40) \* hourly\_rate;

// calculate tax

tax = income \* tax;

// calculate total income

total\_income = income - tax;

// calculate net income

net\_income = total\_income - (total\_income \* 0.10);

// print out results

printf("\n\n");

printf("Name: %s\n", name);

printf("Employee number: %d\n", employee\_number);

printf("Tax pin: %s\n", tax\_pin);

printf("Hours worked: %d\n", hours\_worked);

printf("Hourly rate: %.2f\n", hourly\_rate);

printf("Normal Income: %.2f\n", income);

printf("Tax paid: %.2f\n", tax);

printf("Overtime: %.2f\n", overtime);

printf("Total income: %.2f\n", total\_income);

printf("Net income: %.2f\n", net\_income);

}

else

{

// calculate income

income = hours\_worked \* hourly\_rate;

// calculate overtime

overtime = 0;

// calculate tax

tax = income \* tax;

// calculate total income

total\_income = income - tax;

// calculate net income

net\_income = total\_income - (total\_income \* 0.10);

// print out results

printf("\n\n");

printf("Name: %s\n", name);

printf("Employee number: %d\n", employee\_number);

printf("Tax pin: %s\n", tax\_pin);

printf("Hours worked: %d\n", hours\_worked);

printf("Hourly rate: %.2f\n", hourly\_rate);

printf("Income: %.2f\n", income);

printf("Tax: %.2f\n", tax);

printf("Overtime: %.2f\n", overtime);

printf("Total income: %.2f\n", total\_income);

printf("Net income: %.2f\n", net\_income);

}

}