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#include <stdio.h>

**double** normal\_payroll(**double** hour\_worked, **double** hour\_rate);

**double** overtime\_payroll(**double** overtime\_worked, **double** hour\_rate);

**int** main (**void**)

{

**double** hour\_worked;

**double** overtime\_worked;

**double** hour\_rate;

**double** salary;

printf("This is a salary calculator, Please enter following information. \n");

printf("Enter your normal hour worked : ");

scanf("%lf", &hour\_worked);

**while** (hour\_worked < 0) {

printf ("Please enter a nonnegative number (hour) : ");

scanf("%lf", &hour\_worked);

}

printf("Enter your overtime hour worked : ");

scanf("%lf", &overtime\_worked);

**while** (overtime\_worked < 0) {

printf ("Please enter a nonnegative number (hour) : ");

scanf("%lf", &overtime\_worked);

}

printf("Enter the normal hour rate : $");

scanf("%lf", &hour\_rate);

**while** (hour\_rate < 0) {

printf ("Please enter a nonnegative number : $");

scanf("%lf", &hour\_rate);

}

salary = normal\_payroll(hour\_worked, hour\_rate) + overtime\_payroll( overtime\_worked, hour\_rate);

printf ("Total pay : $%.1lf \n",salary);

}

**double** normal\_payroll (**double** hour\_worked , **double** hour\_rate)

{

**return** (hour\_worked \* hour\_rate);

}

**double** overtime\_payroll (**double** overtime\_worked , **double** hour\_rate)

{

**return** (overtime\_worked \* hour\_rate \* 1.5);

}

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Text

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