

computeNetPay

Write a C program that reads the hours an employee worked in a week, computes the gross pay and income tax, and prints the gross pay, income tax and net pay on the screen. Assume that the pay structure and tax rate are given as follows: (1) the basic pay rate is \$6.00 per hour; (2) the over-time pay rate (in excess of 40 hours) is one and a half time of the basic pay rate; and (3) the tax rate is 10% of the first \$1000 of the gross pay, 20% of the next \$500 and 30% of the rest.

A sample program template is given below:

```
#include <stdio.h>
int main()
{
    /* Write your code here */
    return 0;
}
```

Sample input and output sessions are given below:

(1) Test Case 1:
Enter hours of work:
37
Gross pay=222.00
Tax=22.20
Net pay=199.80

(2) Test Case 2:
Enter hours of work:
50
Gross pay=330.00
Tax=33.00
Net pay=297.00

(3) Test Case 3:
Enter hours of work:
0
Gross pay=0.00
Tax=0.00
Net pay=0.00

```
#include <stdio.h>
int main()
{
    int hours;
    float gross,tax=0,net;

    printf("Enter hours of work:\n");
    scanf("%d",&hours);

    if(hours<=40)
    {
        gross = hours*6;
    }
    else if(hours>40)
    {
        gross = 1.5*(hours-40)*6+40*6;
    }

    if(gross<=1000)
    {
        tax = 10.0/100*gross;
    }

    net = gross - tax;
    printf("Gross pay=%.2f\n",gross);
    printf("Tax=%.2f\n",tax);
    printf("Net pay=%.2f\n",net);

    return 0;
}
```