Assignment#9h PROG9h.BAS

Weekly payroll report for the **SLATE ROCK & GRAVEL CO.**

Data:

1. Your data should be entered according to the following DATA statements:

```
DATA Fred Flintstone, 40, Wilma Flintstone, 30, Pebbles Flintstone, 20
DATA Dino Flintstone, 10, Barney Rubble, 35, Betty Rubble, 25
DATA Bam-Bam Rubble, 15, Hoppy Rubble, 5
```

2. Graduated Tax Table:

Gross Pay	Tax Rate
$0.00 to $500.00	0%
$500.01 to $1,200.00	10%
$1,200.01 to $1,300.00	20%
$1,300.01 to $1,400.00	30%
$1,400.01 to $ 1,500.00	40%
$1,500.01 and up	65%

Processing Requirements:

You will need to:

1) Create a data structure named EMPLOYEE that contains the following member fields:

```
empName as a STRING
hourlyPay as a SINGLE
hours as a SINGLE
basePay as a SINGLE
grossPay as a SINGLE
overTime as a SINGLE
netPay as a SINGLE
```

2) Create an array of employees( ) with eight elements for your DATA.
3) Create a CONST format "$$###,###.##" to be used by any SUB ROUTINE/FUNCTION that may need to print currency figures.
4) Create a SUB ROUTINE/FUNCTION to populate the array employees( ) with names and hourly pay for each employee according to the attached DATA statements.
5) Create a SUB ROUTINE/FUNCTION to prompt the user to enter the number of hours each employee worked this week.
6) Create a SUB ROUTINE/FUNCTION to calculate the grossPay (base pay + any calculated overtime @ time and one half) for each employee.

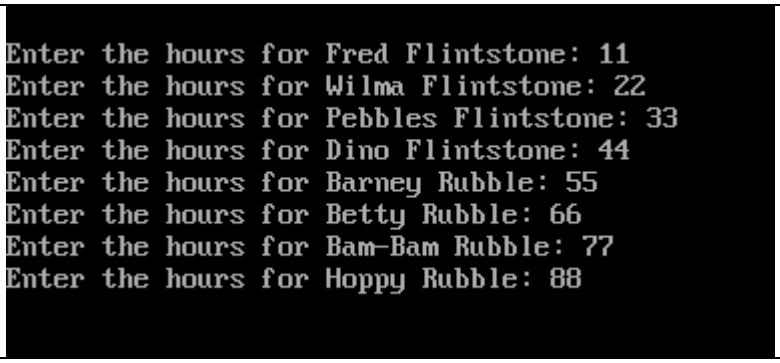
7) Create a SUB ROUTINE/FUNCTION to calculate the netPay (gross pay – applicable taxes according to the provided graduated tax table) for each employee.
8) Create a SUB ROUTINE/FUNCTION to print the output headings as shown on the attached screen shot.
9) Create a SUB ROUTINE/FUNCTION to output the weekly pay for each employee according to the attached screen shot.
10) Create a SUB ROUTINE/FUNCTION to calculate the company's weekly payroll expenses and output them according to the attached screen shot.
11) Your main program should contain only three executable lines:

```
CLS
CALL to read your data into the employees( ) array.
END
```

Output:

Your output should display the appropriate data according to the user's input and your program's calculations.

INPUT SCREEN



OUTPUT SCREEN