

(10 pts) 2. As a later portion of the program in problem 1, we wish to create an array THW of the total hours worked by each employee, each element of which is the regular hours worked (from array RH) plus the overtime hours worked (from array OTH). Write the FORTRAN statements required to create the array THW, and also to count the number of employees who worked overtime (overtime hours greater than zero) and call this count C.

```
DIMENSION PAY(500)
TPAY=0
DO 15 I=1,500
PAY(I)=R(I)*HRS(I)
15 TPAY=TPAY+PAY(I)
```