

- (10 pts) 2. As a later portion of the program in problem 1, we wish to create an array Q of the total of the quantity on hand (from array QOH) and the quantity on order (from array QOO). On the coding form below write the FORTRAN statements required to create the array Q, and also to count the number of items that have nothing on order (QOO equal to zero) and call this count K.

```
DIMENSION Q(400)
```

```
K=0
```

```
DO 15 I=1,400
```

```
Q(I)=QOH(I)+QOO(I)
```

```
IF(QOO(I).EQ.0.) K=K+1
```

```
15 CONTINUE
```