

Consider the following FORTRAN program:

```
      DIMENSION ALT(5), SNAKES(5)
      OPEN (UNIT=5, FILE='INPUT.DAT',STATUS='OLD')
      OPEN (UNIT=6, FILE='PRINT.DAT',STATUS='NEW')
      DO 10 K = 1,5
10    READ (5, 100) ALT(K), SNAKES(K)
100   FORMAT (F4.0, 1X, F2.0)
20    READ (5, 200) HT
      IF (HT .LT. 0) STOP
      IF (HT .LT. 3000) GOTO 70
      DO 30 K = 1,5
      IF (HT .LE. ALT(K)) GOTO 50
30    CONTINUE
      WRITE (6, 200)
200   FORMAT ('0', 'NO SNAKES ABOVE 9000 FEET')
      GO TO 20
50    WRITE (6, 300) SNAKES (K), HT
300   FORMAT ('0', F3.0,2X,'SNAKES/ACRE AT',2X,F5.0,2X,'FEET')
      GOTO 20
70    WRITE (6, 400)
400   FORMAT ('0','MANY SNAKES/ACRE BELOW 3000 FEET')
      GOTO 20
      END
```

If this program were run, and the file INPUT.DAT contained the following records, specify exactly what would be written into the file named PRINT.DAT.

(Note: each line below represents one input record, starting in column 1, and the symbol b stands for a blank space.)

```
4000b98
6000b85
7000b42
8000b21
9000b07
3400
9800
1600
7200
b5400
-99
```

Write below exactly what PRINT.DAT would contain after this program runs.