

First Bulgarian National Olympiad in Informatics

June 1 and 2, 1985

Second Day.

Problem 6.

"Find some errors" in the programme:

(FORTRAN)

```
      READ(1,5)X,Y,Z
5     FORMAT(3F5.2)
      IF(X-Z)30,60,10
10    IF(X-Z)30,60,20
20    AMX=X
30    IF(Y-Z)50,60,40
40    AMX=Y
50    AMX=Z
60    WRITE(3,70) AXM
70    FORMAT(F6.2)
      STOP
      END
```

(BASIC)

```
5 INPUT X,Y,Z
10 IF X<Y GO TO 35
15 IF X=Y GO TO 55
20 IF X<Z GO TO 35
25 IF X=Z GO TO 55
30 AMX=X
35 IF Y<Z GO TO 50
40 IF Y=Z GO TO 55
45 AMX=Y
50 AMX=Z
55 PRINT AMX
60 END
```

Source is taken from the jury materials.

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