E: Dwarfs

A long time ago, the seven dwarfs living with Snow White were cursed by an evil witch who contaminated them with toxic masculinity. Now the dwarfs are constantly arguing to know who is the best at everything: who is the best at mining, who has dug the most gold, who has dug the least gold, and so on.

One day the dwarfs might argue about who has dug the most coal (it is rewarded in many dwarf subcultures) but the next day they might argue about who has dug the least coal (it is rewarded in other dwarf subcultures as coal is not environmentally friendly).

The poor dwarf Grumpy is always average: never the best, never the worst. Therefore there are no categories in which Grumpy wins the argument, which is why poor dwarf Grumpy is not a very happy dwarf. Snow White wanted to do something for him, so she asked that for once the dwarfs should not argue about who is the most extreme in some category, but about who is the most average in that category.

Dwarfs are very good at comparing amounts but very bad at math. Since they are seven, they decide that the most average dwarf in some category is the one such that they are three dwarfs above and three below in that category. But even this is too much for them to handle, so they turn to you to write a program that decides who is the average dwarf. Each time they run the program, they enter seven integers $V_1, \ldots, V_7$ and your program should output a value V so that there are most 3 i such that $V_i < V$ and at most 3 i such that $V_i > V$.

Input

The input consists of seven lines. For each $1 \leqslant i \leqslant 7$, the i-th line contains the integer V_i ($0 \leqslant V_i \leqslant 1\,000\,000$), the value of the i-th dwarf.

Output

A single line containing a single integer such that there are at most 3 dwarfs below this value and at most 3 above.

Sample Input 1

```
10
41
16
30
31
32
22
```

Sample Output 1

```
30
```

Sample Explanation 1

3 dwarfs exactly have a value strictly smaller than 30 and 3 have a value strictly larger.

Sample Input 2

```
10
16
30
30
30
32
41
```

Sample Output 2

```
30
```

Sample Explanation 2

2 dwarfs have a value strictly smaller than 30 and 2 have a value strictly larger.