Problem C. MKAD

The length of the Moscow ring road is 109 kilometers. Biker Vasya starts from kilometer zero of the Moscow Ring Road and travels at a speed of v kilometers per hour. Where will it stop in t hours?

Input data

The program receives the values of v and t as input. If v > 0, then Vasya moves in the positive direction along the Moscow Ring Road, but if v < 0, then in the negative direction. (It is guaranteed that the original numbers are integers and are in the range from -1000 to 1000).

Output

The program should output an integer from 0 to 108 - the number of the mark where Vasya will stop.

Examples of input data 60 2 output 11 input data -1

output

108





```
int v = 0;
int t = 0;
.nt stopPoint = 0;
std::cin >> v >> t;
 stopPoint = v * t;
 if (stopPoint < 0) {
    stopPoint = stopPoint * (-1);
     stopPoint = stopPoint - 109;
     if (stopPoint < 0) {
       stopPoint = stopPoint * (-1);
 else if (stopPoint > 0) {
     stopPoint = stopPoint - 109;
    if (stopPoint < 0) {
       stopPoint = stopPoint * (-1);
```

std::cout << "The point where Vasya stops is " << stopPoint << " km. " << std::endl;</pre>

```
int v = 0;
int t = 0;
int stopPoint = 0;
```

std::cin >> v >> t;

```
stopPoint = v * t; // -1
if (stopPoint > 0) {
   stopPoint = stopPoint % 109;
else ·
   stopPoint = (stopPoint % 109) + 109;
```

std::cout << "The point where Vasya stops is " << stopPoint << " km. "</pre> << std::endl;

```
stopPoint = stopPoint % 109;
```

60

10

600-109*5=55