## 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
2
output
11
input data -1
1
output
108


60
10
$600-109 * 5=55$
int $\mathrm{v}=0$;
int $t=0$;
nt $\mathrm{v}=0$,
int stopPoint $=0$;
sd: :cin >>v >> t;
stoppoint $=\mathrm{v} *$ t;
If (stopPoint $<0) 1$
stopPoint $=$ stoppoint $*(-1) ;$
stoppoint $=$ stoppoint $-109 ;$
if (stoppoint < 0)

else if (stoppoint > 0)
else if (stopPoint $>0$ )
stoppoint $=$ stoppoint $-109 ;$
stoppoint $=$ stoppoint
if $($ stoppoint $<0)$
stoppoint $=$ stoppoint * (-1);
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. << std::endl;

