

My Maya

Owl Code



Apt Logic

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Points: 40

Submissions: 4246



Light



Description

Reverse Integer

Program Description

Given a 32-bit signed integer, **reverse** digits of an integer.

Note:

Assume we are dealing with an environment which could only store integers within the 32-bit signed integer range: $[-2^{31}, 2^{31} - 1]$. For the purpose of this problem, assume that your function returns 0 when the reversed integer overflows.

Input Format

A single line contains an integer N.

Output Format

Display the given integer as reverse integer.

Constraints

$$1 \leq N \leq 10^4$$

Input-1

123

Output-1

321

Input-2

1221

Output-2

1221

Input-3

C - GCC 11.1.0



Timer

0:08 sec



Light

```
1  #include<stdio.h>
2  int main()
3  {
4      int r,rev,n;
5      scanf("%d",&n);
6      while(n!=0)
7      {
8          r=n%10;
9          rev=rev*10+r;
10         n=n/10;
11     }
12     printf("%d",rev);
13     return 0;
14 }
```

 Run Code

Compiler Response

#	Testcase	Input	Expected Output	Your Output	Memory	CPU time	Result
1	123	123	321	321	1408 KB	3.667 ms	Pass
2	-123	-123	-321	-321	1408 KB	2.603 ms	Pass

All hidden testcases passed

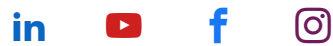


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