

My Maya

Owl Code



Apt Logic

Logout



J-Path

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Points: 20

Submissions: 3910



## Description

### Online or Offline

#### Program Description

Vijay is confused whether to go out and eat at the restaurant or order food online. The online order costs N rupees while the cost of eating at the restaurant is M rupees. However, Vijay has a discount coupon with which he can avail flat 10% off on his online order. Find the cheaper option for Vijay to eat, i.e., whether to order food online or eat at the restaurant.

#### Input Format

A Single line of input consists of two space-separated integers N and M, the cost of ordering online and eating at the restaurant respectively.

#### Output Format

output on a new line:

- **ONLINE**, if Vijay gets a better deal in online ordering,
- **DINING**, if Vijay gets a better deal in eating at the restaurant,
- **EITHER**, if both deals cost the same.

### Constraints

$1 \leq N, M \leq 1000$

### Explanation

**Test Case 1:** The final price of ordering online would be  $500 - (10\% \text{ of } 500) = 450$  which is less than the price of dining. Thus, Vijay should order online.

#### Input-1

500 500

#### Output-1

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C - GCC 11.1.0 ▾

Timer 0:17 sec



Light

```
1 #include<stdio.h>
2 int main()
3 {
4     int o,d;
5     scanf("%d %d",&o,&d);
6     float m=o*(0.9);
7     if(m<d) printf("ONLINE");
8     else if(d<m) printf("DINING");
9     else printf("EITHER");
10    return 0;
11 }
```

 Run Code

## Compiler Response

| # | Testcase | Input   | Expected Output | Your Output | Memory  | CPU time | Result |
|---|----------|---------|-----------------|-------------|---------|----------|--------|
| 1 | 500 500  | 500 500 | ONLINE          | ONLINE      | 1408 KB | 3.205 ms | Pass   |
| 2 | 500 400  | 500 400 | DINING          | DINING      | 1408 KB | 2.432 ms | Pass   |

All hidden testcases passed



Contact

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