

Note regarding the programming questions in the online test

1. The online test contains two programming questions. You're required to write the solution code using the editor provided by HackerEarth during the test. Supported languages include C, C++, Java, or Python.
2. During the test, you might encounter a situation where the HackerEarth IDE displays a message stating, "**Your output does not match the expected output,**" despite your **sample test case passing** as indicated below:

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RESULT: Sample Test Cases Passed? [Refer judge environment](#)

Note: When you **Compile & Test code**, the code is run against sample inputs. When you **Submit code**, the code is run against sample input as well as multiple hidden test cases. In order to solve the problem, your code must pass all of the test cases.

Time (sec)	Memory (KiB)	Language
0.138089	58444	Python 3

Input

```
3 4 6
3 1 1 2
1 4 4 2
3 1 1 3
```

Output

```
17
```

✘ Your output does not match the expected output

If you encounter this scenario, please remain calm and disregard the displayed output message. As long as the output generated by your code **matches** the sample test case output and you receive the "**Sample Test Cases Passed**" confirmation, you should proceed confidently.

3. However, if your code produces an incorrect output which does not match the sample test case output, the IDE will display "**Wrong Answer**," indicating a discrepancy as shown below. In this case, debugging your code is necessary as usual.

RESULT: ❌ Wrong Answer

[? Refer judge environment](#)

Note: When you **Compile & Test code**, the code is run against sample inputs. When you **Submit code**, the code is run against sample input as well as multiple hidden test cases. In order to solve the problem, your code must pass all of the test cases.

Time (sec)	Language
0.0	Python 3

Input

8 3
4 4 4

Output

3

❌ Your output does not match the expected output

Please keep these guidelines in mind while handling the programming questions in the test.