HireVue

编码挑战题

说明
对于该问题，将需要您编写一个小程序来解决登录后遇到的难题。

挑战题类型
编程

Python 3

（您可以稍后更改语言。）

时间限制
对该难题没有时间限制。

练习问题　　开始挑战

帮助　设置

由 HireVue 提供技术支持

挑战

Add Number Series II

编程挑战说明：

Write a program that, given an integer N, sums all the whole numbers from 1 through N (both inclusive). Do not include in your sum any of the intermediate values (1 and N inclusive) that are divisible by 5 or 7.

输入：
Your program should read lines from standard input. Each line contains a positive integer.

输出：
For each line of input, print to standard output the sum of the integers from 1 through n, disregarding those divisible by 5 and 7. Print out each result on a new line.

测试 1

测试输入

```
10
```

预期输出

```
33
```

测试 2

测试输入

编辑器 Python 3 (v 3.11) 默认键绑定 重置代码

```python
import sys
# import numpy as np
# import pandas as pd
# from sklearn import ...

for line in sys.stdin:
    print(line, end="")
```

测试案例输出 运行测试案例

没有可以显示的结果。请单击上方的“运行测试案例”来测试代码。


挑战
10
预期输出
33
测试 2
测试输入
7
预期输出
16
测试 3
测试输入
27
19
预期输出
261
139
编辑器 Python 3 (v 3.11)
默认键绑定
重置代码
1 import sys
2 # import numpy as np
3 # import pandas as pd
4 # from sklearn import ...
5
6 for line in sys.stdin:
7 print(line, end="")
测试案例输出
运行测试案例
没有可以显示的结果。请单击上方的"运行测试案例"来测试代码。

挑战

Decode Numbers

编程挑战说明：

You are given an encoded message containing only numbers. You are also provided with the following mapping:

```
A : 1
B : 2
C : 3
...
Z : 26
```

Given an encoded message, count the number of ways it can be decoded.

输入：
Your program should read lines from standard input. Each line contains an encoded message of numbers. You may assume that the test cases contain only numbers.

输出：
Print out the different number of ways it can be decoded. Note: 12 could be decoded as AB(1 2) or L(12). Hence the number of ways to decode 12 is 2.

测试 1

测试输入

编辑器 Python 3 (v 3.11) 默认键绑定 重置代码

```python
import sys
# import numpy as np
# import pandas as pd
# from sklearn import ...

for line in sys.stdin:
    print(line, end="")
```

测试案例输出 运行测试案例

没有可以显示的结果。请单击上方的"运行测试案例"来测试代码。

挑战

numbers. You may assume that the test cases contain only numbers.

输出:
Print out the different number of ways it can be decoded. Note: 12 could be decoded as AB(1 2) or L(12). Hence the number of ways to decode 12 is 2.

测试 1

测试输入

```
12
```

预期输出

```
2
```

测试 2

测试输入

```
123
```

预期输出

```
3
```

编辑器 Python 3 (v 3.11) 默认键绑定 重置代码

```python
import sys
# import numpy as np
# import pandas as pd
# from sklearn import ...

for line in sys.stdin:
    print(line, end="")
```

测试案例输出 运行测试案例

没有可以显示的结果。请单击上方的"运行测试案例"来测试代码。