Short Functions for NumPy Indexing & Slicing

Write these functions that work like the name or comment below.

```
import numpy as np

# A is a 2-d array
def get_column_from_bottom_to_top( A, c ):


def get_odd_rows( A ):


def get_even_column_last_row( A ):


def get_diagonal1( A ):# A is a square matrix

      # from top-left corner down to bottom-right corner


def get_diagonal2( A ): # A is a square matrix

      # from top-right corner down to bottom-left corner

exec(input().strip()) #must have this line when submitting to grader
```

Input

Python code for the functions

Output

The results after executing said code.

Example

Input (from keyboard)	Output (on screen)
`A=np.array([[1,2],[3,4]]);` `print(get_column_from_bottom_to_top(A,1))`	`[4 2]`
`A=np.array([[1,2],[3,4],[5,6],[7,8]]);` `print(get_odd_rows(A))`	`[[3 4]` ` [7 8]]`
`A=np.array([[1,2,3],[4,5,6]]);` `print(get_even_column_last_row(A))`	`[4 6]`
`A=np.array([[1,2,3],[4,5,6],[7,8,9]]);` `print(get_diagonal1(A))`	`[1 5 9]`
`A=np.array([[1,2,3],[4,5,6],[7,8,9]]);` `print(get_diagonal2(A))`	`[3 5 7]`