
Maximum of a General Tree (out)

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Write a program that reads a non-empty tree of integer numbers and writes its maximum value. Your program should define the function `maxim(t)` that returns the maximum of the values stored in a non-empty tree `t`. The parameter `t` of function `maxim(t)` should be an object of the class `Tree`, implemented in file `simple_tree.py` in the **public files** section of the problem statement.

For example, given the following specification of a tree in pre-ordre, where the value stored at each node is followed by its arity

Input

```
1 4
  3 2
    6 0
    -6 0
  12 0
  2 4
    3 0
    5 2
      10 0
      -13 0
    11 0
    7 0
  8 0
```

Your program should write

Output

```
12
```

Hint

Implement the following function in file `simple_tree.py`

```
def maxim(t):
    ...
```

and call that function from `main` after reading the tree.

Sample input

```
1 4
  3 2
    6 0
    -6 0
  12 0
  2 4
    3 0
```

```
5 2
  10 0
  -13 0
  11 0
  7 0
8 0
```

Sample output

12

Problem information

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