

[from Worksheet 11 Streams]

Write out `double_natural` which is a stream that evaluates to the sequence 1, 1, 2, 2, 3, 3, etc.

```
>>> a = double_natural()
>>> a.first
1
>>> a.rest.rest.first
computing rest
computing rest
2
"""
def double_natural(first=1, flag=0):
```