

Flatten Nested List Iterator

nestedList = [1, [4, [6]]]

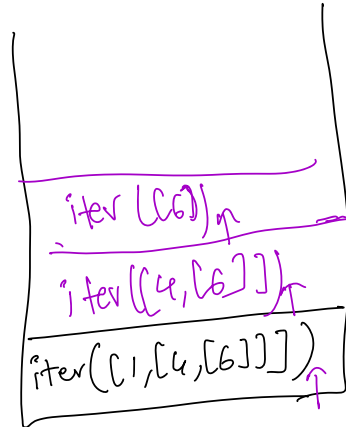
Output = [1, 4, 6]

```
class NestedIterator:
    def __init__(self, nestedList: [NestedInteger]):
        self.nextInteger = None
        self.stack = []
        self.stack.append(iter(nestedList))

    def next(self) -> int:
        nextInt = self.nextInteger
        self.nextInteger = None
        return nextInt

    def hasNext(self) -> bool:
        while self.stack:
            nextEle = next(self.stack[-1], False)
            if nextEle is False:
                self.stack.pop()
            else:
                if nextEle.isInteger():
                    self.nextInteger = nextEle.getInteger()
                    return True
                else:
                    self.stack.append(iter(nextEle.getList()))

        # has next if something is in stack
        return False
```



res = [1, 4, 6]