Reservoir Sampling

```python
import random
class Solution(object):
  def __init__(self):
    """
    complete the constructor if needed.
    """
    self.count = 0
    self.currsample = None

  def read(self, value):
    """
    read a value in the stream
    :type: value:int
    """
    self.count += 1
    r = random.randint(0, self.count - 1)
    if r == 0:
      self.currsample = value

  def sample(self):
    """
    return the sample of already read values
    :rtype: int
    """
    return self.currsample
```