```
def string xor(a: str, b: str) -> str:
     Input are two strings a and b
 consisting only of 1s and 0s.
 Perform binary XOR on these inputs 
 and return result also as a string.
 >>> string xor('010', '110')
 100'
                                         Conflicting
# generated by CodeRL
 a, b = a_strip('0'), b_strip('0')
 res = ''
 if a!= b:
  res = '0' + res
 if a:
 res = '1' + res
 if b:
 res = '0' + res
 return res
# reference solution
def xor(i, j):
    if i == j:
        return '0'
    else:
        return '1'
return ''.join(xor(x, y) for x, y
        in zip(a, b))
```