**7 kyu**

**Reverse and Invert**

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Python

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Reverse and invert all integer values in a given list.

Python:

reverse\_invert([1,12,'a',3.4,87,99.9,-42,50,5.6]) = [-1,-21,-78,24,-5]

Ignore all other types than integer.

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1. **def** invertir\_num(n):
2. **if**(n < 0):
3. n = -n
4. rev  = 0
5. **while**(n > 0):
6. rev = rev \* 10 + (n % 10)
7. n /= 10;
8. **return** rev
10. **def** reverse\_invert(lst):
11. ans = []
12. **for** i **in** range(0, len(lst)):
13. **if** (type(lst[i]) == (int)):
14. inv = invertir\_num(lst[i])
15. **if**(lst[i] > 0):
16. ans.append(-inv)
17. **else**:
18. ans.append(inv)
19. **return** ans

22. *#Test.assert\_equals(reverse\_invert([1,12,'a',3.4,87,99.9,-42,50,5.6]),[-1,-21,-78,24,-5])*
24. *#[-1,-21,-78,24,-5]*
25. **print**(reverse\_invert([1,12,'a',3.4,87,99.9,-42,50,5.6]))