ex5_soln.py

line 94: (102)

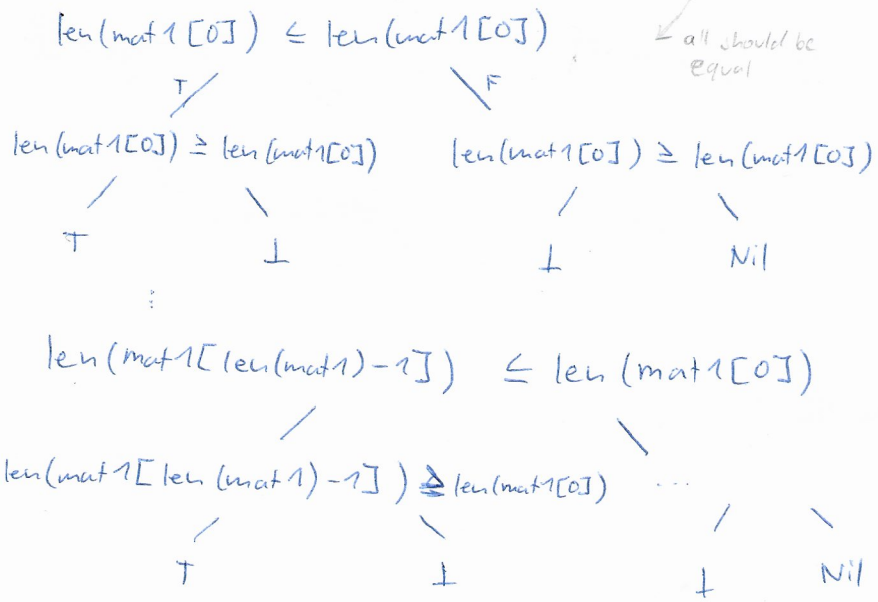
$\neg(\forall i \in [0, len(mat1)]:$

$len(mat1[i]) == len(mat1[0])$

$\wedge\ len(mat2[i]) == len(mat1[0]))$

line 95 should save information that state is 'bad' ($\perp$) so that if clause should not be true

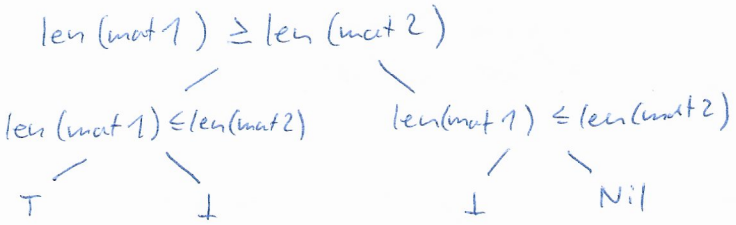
if clause should not be true so all should be equal



similar for $len(mat2[i]) == len(mat1[0])$

line 92: (99)

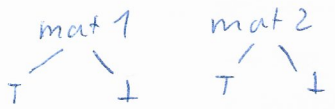
~~not~~ $(len(mat1) != len(mat2))$ similar to above



line 91: (98) union of all the above

line 89: (95)

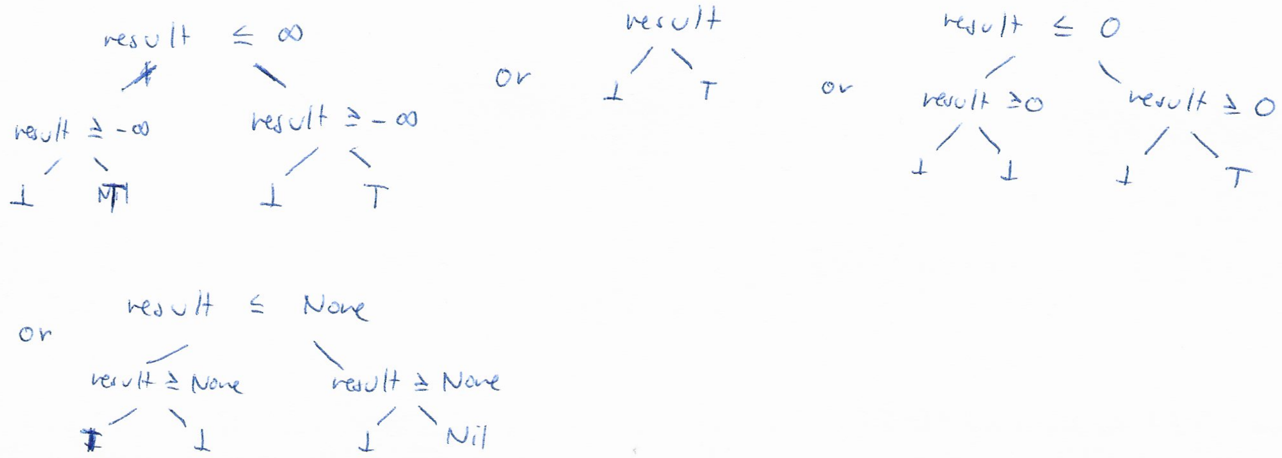
not mat1 or not mat2



line 82: result == [-∞, ∞] ?

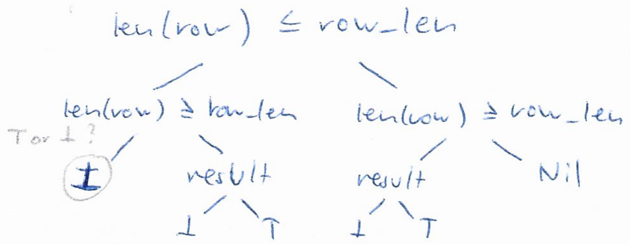
line 81 (87):

return None

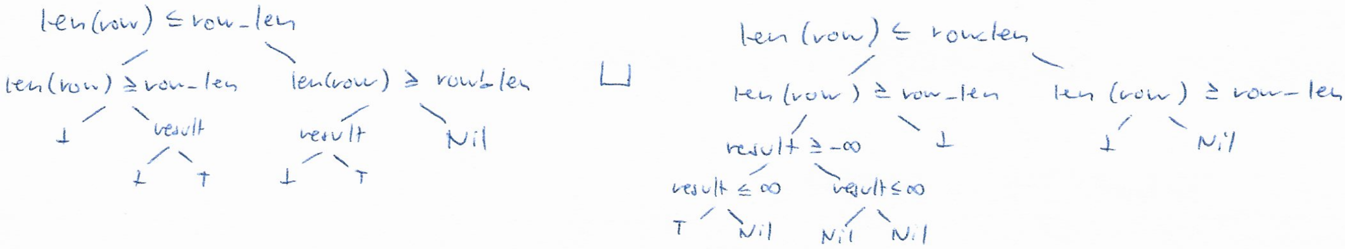


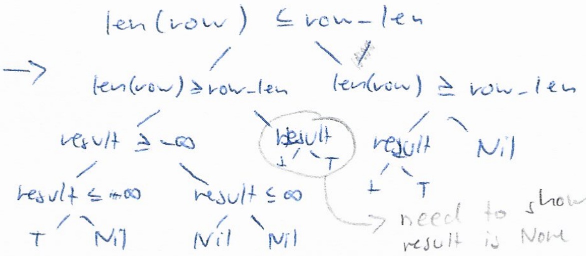
line 80 (86):

len(row) != row_len



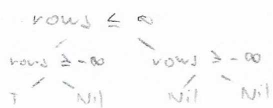
line 79 (84):





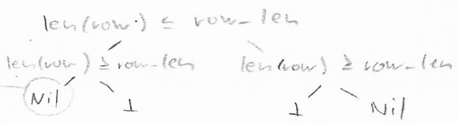
need to show that result is None but don't know if that's ok or not, could we info from callee that "not mat1 or not mat2" would lead to error

line 88:



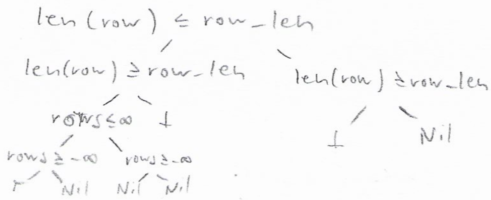
line 87: ⊥

line 86:



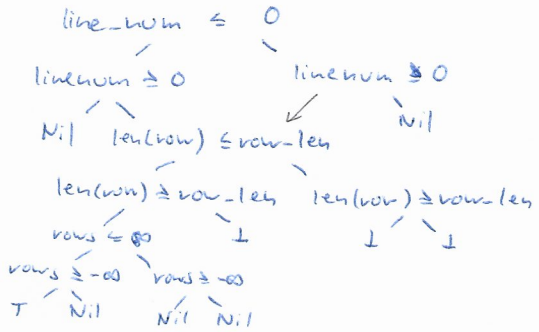
cannot happen because of if => Nil ?

line 84 union: 86 ⊔ 88+else

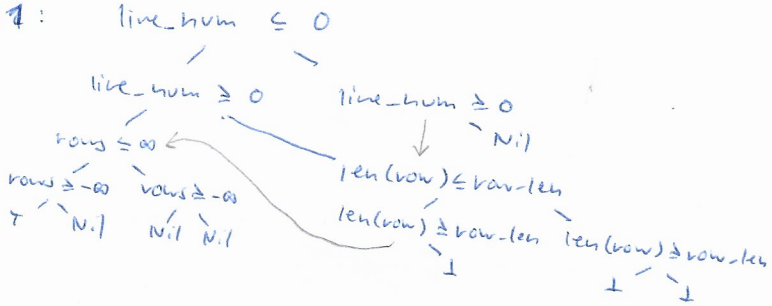


ex5_soln

line 83: ~~line_num ≤ 0~~



line 81: line_num ≤ 0



line 78:

~~len(row)~~