

{- OUTPUT

```
*Main> eval (flip evalLiteral [(1,True),(2,False),(3,False),(4,False)]) [[-1, 2, 4], [-2, -3]]
```

False

```
*Main> eval (flip evalLiteral [(1,True),(2,False),(3,False),(4,True)]) [[-1, 2, 4], [-2, -3]]
```

True

```
*Main> satisfiable [[-1, 2, 4], [-2, -3]]
```

True

```
*Main> satisfiable [[2], [-2]]
```

False

```
*Main> readCNFFile "cnftest.txt"
```

```
[[1,-3],[2,3,-1]]
```

Input file:- cnftest.txt

c simple_v3_c2.cnf

c

p cnf 3 2

1 -3 0

2 3 -1 0

```
mack:~/cs557/hw3> ./hw32 "cnftest.txt" "cnfoutput.txt"
```

```
mack:~/cs557/hw3> cat cnfoutput.txt
```

SAT

-1 -3 -2 0

-}