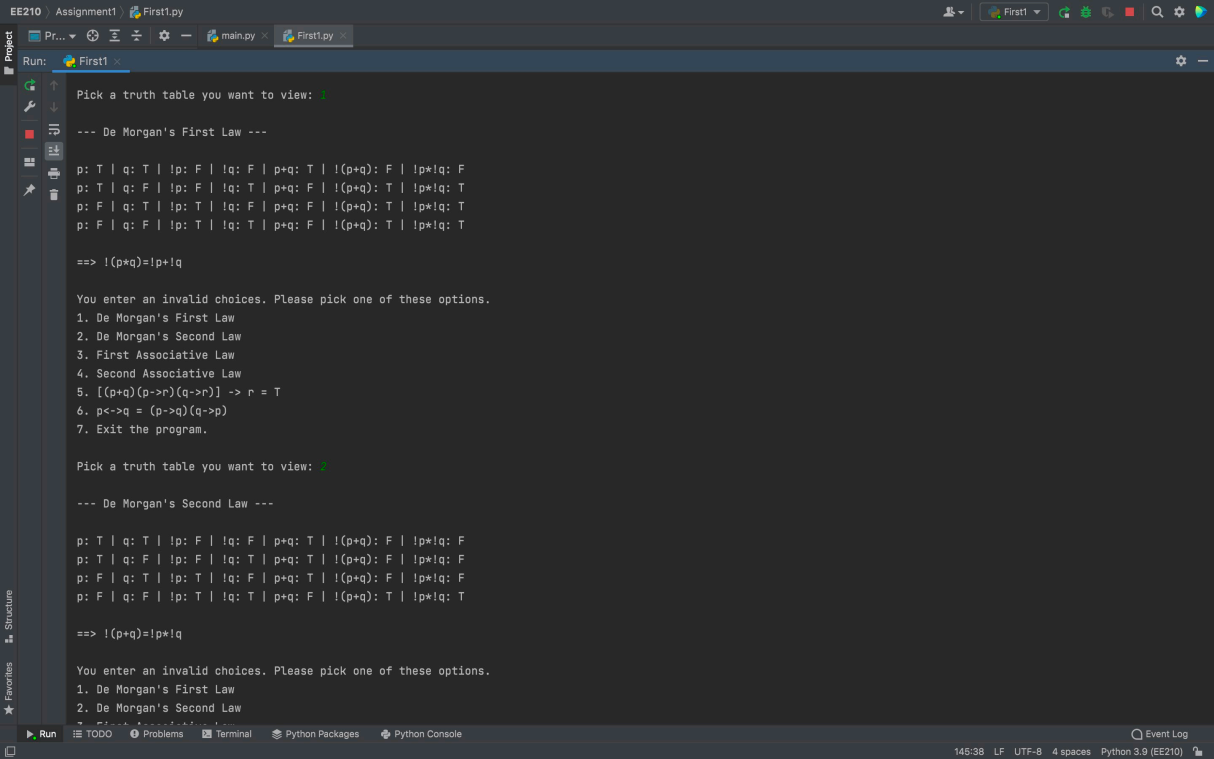
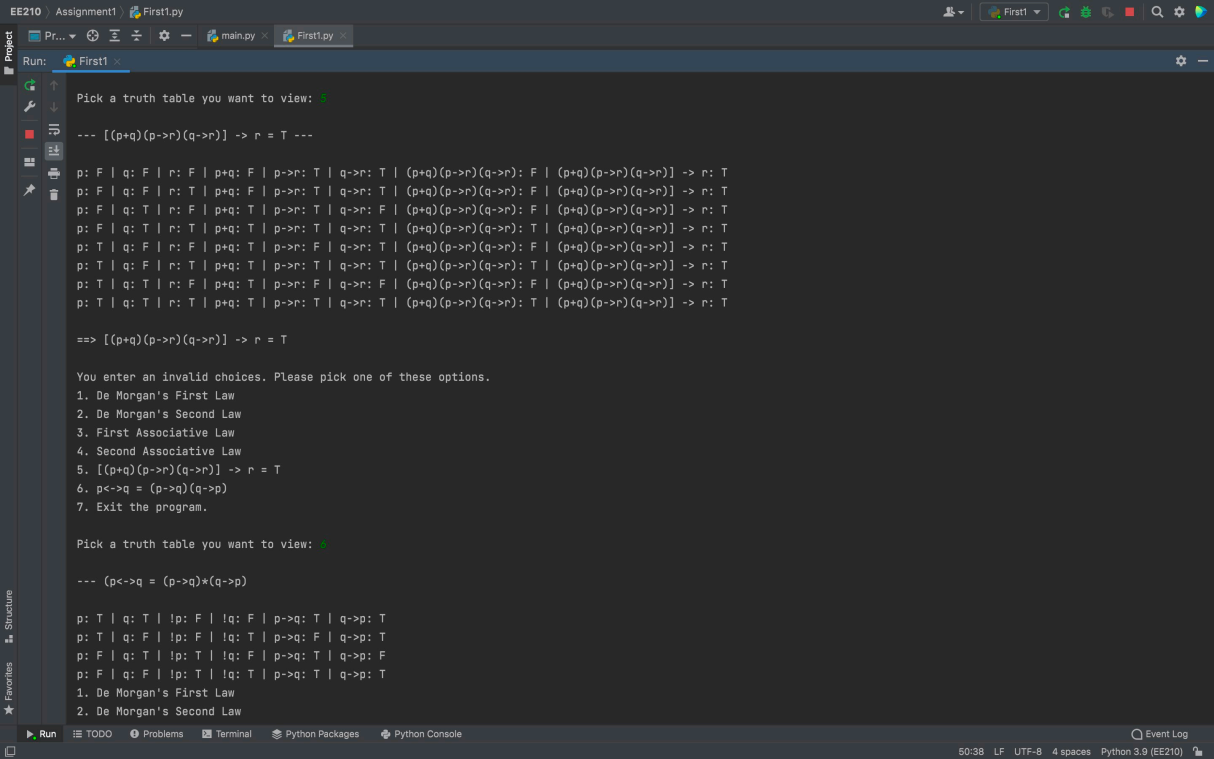

Project
Run:
First1
Pick a truth table you want to view: 1
--- De Morgan's First Law ---
p: T | q: T | !p: F | !q: F | p+q: T | !(p+q): F | !p*!q: F
p: T | q: F | !p: F | !q: T | p+q: F | !(p+q): T | !p*!q: T
p: F | q: T | !p: T | !q: F | p+q: F | !(p+q): T | !p*!q: T
p: F | q: F | !p: T | !q: T | p+q: F | !(p+q): T | !p*!q: T
==> !(p*q)=!p+!q
You enter an invalid choices. Please pick one of these options.
1. De Morgan's First Law
2. De Morgan's Second Law
3. First Associative Law
4. Second Associative Law
5. [(p+q)(p->r)(q->r)] -> r = T
6. p<->q = (p->q)(q->p)
7. Exit the program.
Pick a truth table you want to view: 2
--- De Morgan's Second Law ---
p: T | q: T | !p: F | !q: F | p+q: T | !(p+q): F | !p*!q: F
p: T | q: F | !p: F | !q: T | p+q: T | !(p+q): F | !p*!q: F
p: F | q: T | !p: T | !q: F | p+q: T | !(p+q): F | !p*!q: F
p: F | q: F | !p: T | !q: T | p+q: F | !(p+q): T | !p*!q: T
==> !(p+q)=!p*!q
You enter an invalid choices. Please pick one of these options.
1. De Morgan's First Law
2. De Morgan's Second Law
Structure
Favorites
Run
TODO
Problems
Terminal
Python Packages
Python Console
Event Log
145:38
LF
UTF-8
4 spaces
Python 3.9 (EE210)

```
--- First Associative Law ---

p: F | q: F | r: F | p*q: F | q*r: F | (p*q)*(r):F | p*(q*r): F
p: F | q: F | r: T | p*q: F | q*r: F | (p*q)*(r):F | p*(q*r): F
p: F | q: T | r: F | p*q: F | q*r: F | (p*q)*(r):F | p*(q*r): F
p: F | q: T | r: T | p*q: F | q*r: T | (p*q)*(r):F | p*(q*r): F
p: T | q: F | r: F | p*q: F | q*r: F | (p*q)*(r):F | p*(q*r): F
p: T | q: F | r: T | p*q: F | q*r: F | (p*q)*(r):F | p*(q*r): F
p: T | q: T | r: F | p*q: T | q*r: F | (p*q)*(r):F | p*(q*r): F
p: T | q: T | r: T | p*q: T | q*r: T | (p*q)*(r):T | p*(q*r): T

 (p*q)*r = p*(q*r)

You enter an invalid choices. Please pick one of these options.
1. De Morgan's First Law
2. De Morgan's Second Law
3. First Associative Law
4. Second Associative Law
5. [(p+q)(p->r)(q->r)] -> r = T
6. p<->q = (p->q)(q->p)
7. Exit the program.

Pick a truth table you want to view: 4

--- Second Associative Law ---

p: F | q: F | r: F | p+q: F | q+r: F | (p+q)+(r):F | p+(q+r): F
p: F | q: F | r: T | p+q: F | q+r: T | (p+q)+(r):T | p+(q+r): T
p: F | q: T | r: F | p+q: T | q+r: T | (p+q)+(r):T | p+(q+r): T
p: F | q: T | r: T | p+q: T | q+r: T | (p+q)+(r):T | p+(q+r): T
p: T | q: F | r: F | p+q: T | q+r: F | (p+q)+(r):T | p+(q+r): T
p: T | q: F | r: T | p+q: T | q+r: T | (p+q)+(r):T | p+(q+r): T
p: T | q: T | r: F | p+q: T | q+r: T | (p+q)+(r):T | p+(q+r): T
p: T | q: T | r: T | p+q: T | q+r: T | (p+q)+(r):T | p+(q+r): T
```


Project
Pr...
main.py
First1.py
Run:
First1
Pick a truth table you want to view: 5
--- [(p+q)(p->r)(q->r)] -> r = T ---
p: F | q: F | r: F | p+q: F | p->r: T | q->r: T | (p+q)(p->r)(q->r): F | (p+q)(p->r)(q->r)] -> r: T
p: F | q: F | r: T | p+q: F | p->r: T | q->r: T | (p+q)(p->r)(q->r): F | (p+q)(p->r)(q->r)] -> r: T
p: F | q: T | r: F | p+q: T | p->r: T | q->r: F | (p+q)(p->r)(q->r): F | (p+q)(p->r)(q->r)] -> r: T
p: F | q: T | r: T | p+q: T | p->r: T | q->r: T | (p+q)(p->r)(q->r): T | (p+q)(p->r)(q->r)] -> r: T
p: T | q: F | r: F | p+q: T | p->r: F | q->r: T | (p+q)(p->r)(q->r): F | (p+q)(p->r)(q->r)] -> r: T
p: T | q: F | r: T | p+q: T | p->r: T | q->r: T | (p+q)(p->r)(q->r): T | (p+q)(p->r)(q->r)] -> r: T
p: T | q: T | r: F | p+q: T | p->r: F | q->r: F | (p+q)(p->r)(q->r): F | (p+q)(p->r)(q->r)] -> r: T
p: T | q: T | r: T | p+q: T | p->r: T | q->r: T | (p+q)(p->r)(q->r): T | (p+q)(p->r)(q->r)] -> r: T
==> [(p+q)(p->r)(q->r)] -> r = T
You enter an invalid choices. Please pick one of these options.
1. De Morgan's First Law
2. De Morgan's Second Law
3. First Associative Law
4. Second Associative Law
5. [(p+q)(p->r)(q->r)] -> r = T
6. p<->q = (p->q)(q->p)
7. Exit the program.
Pick a truth table you want to view: 6
--- (p<->q = (p->q)*(q->p)
p: T | q: T | !p: F | !q: F | p->q: T | q->p: T
p: T | q: F | !p: F | !q: T | p->q: F | q->p: T
p: F | q: T | !p: T | !q: F | p->q: T | q->p: F
p: F | q: F | !p: T | !q: T | p->q: T | q->p: T
1. De Morgan's First Law
2. De Morgan's Second Law
Structure
Favorites
Run
TODO
Problems
Terminal
Python Packages
Python Console
Event Log
50:38
LF
UTF-8
4 spaces
Python 3.9 (EE210)