Main Menu Page:

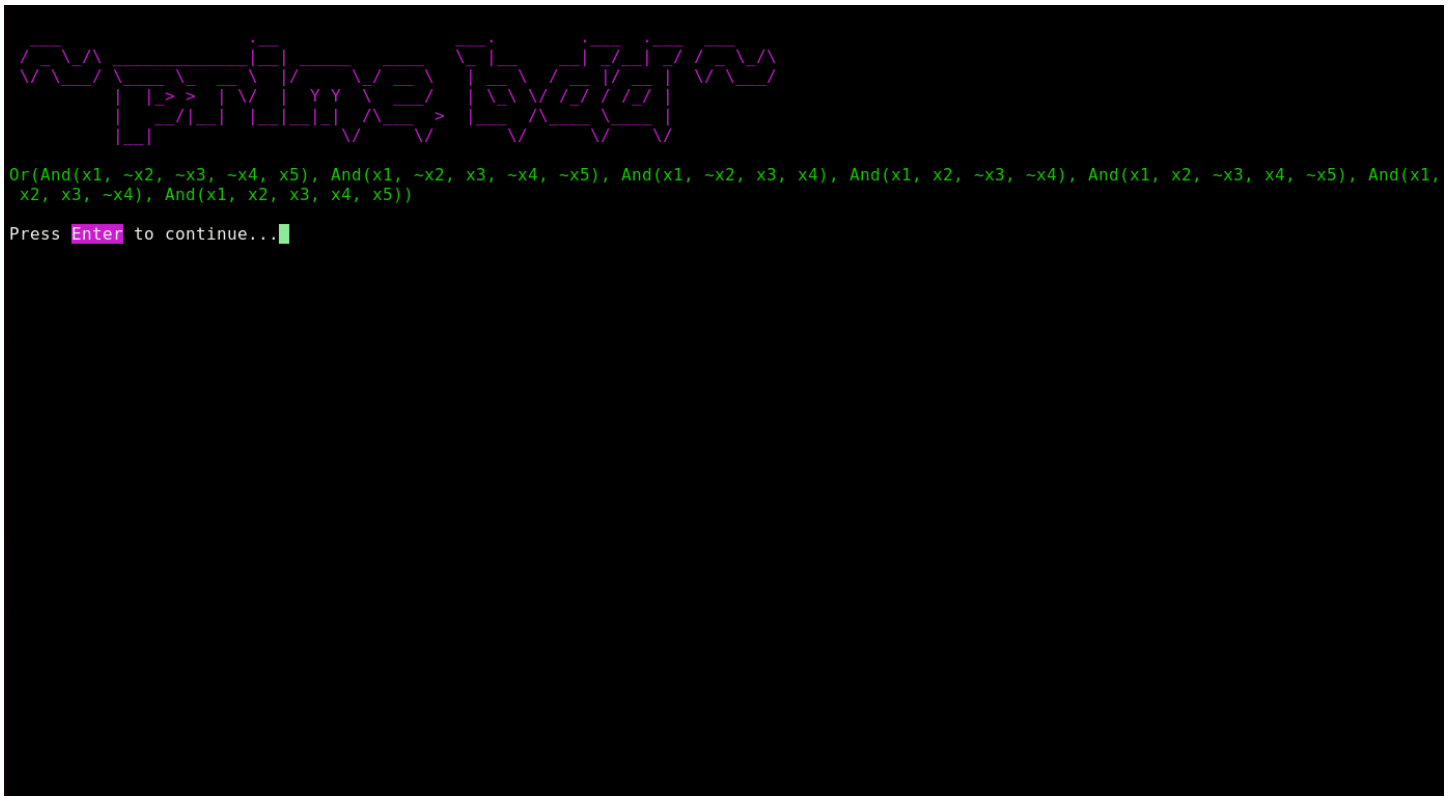
```
enter '1' to print the RR BDD
enter '2' to print the EVEN BDD
enter '3' to print the PRIME BDD
enter '4' to run test cases on RR, EVEN, and PRIME BDDs
enter '5' to run test cases on RR2
enter '6' to run test cases on quantifier BDD
enter '7' to run all test cases                    <-- TA choose this option
enter '8' to exit the program


Enter here:
```

Option One:

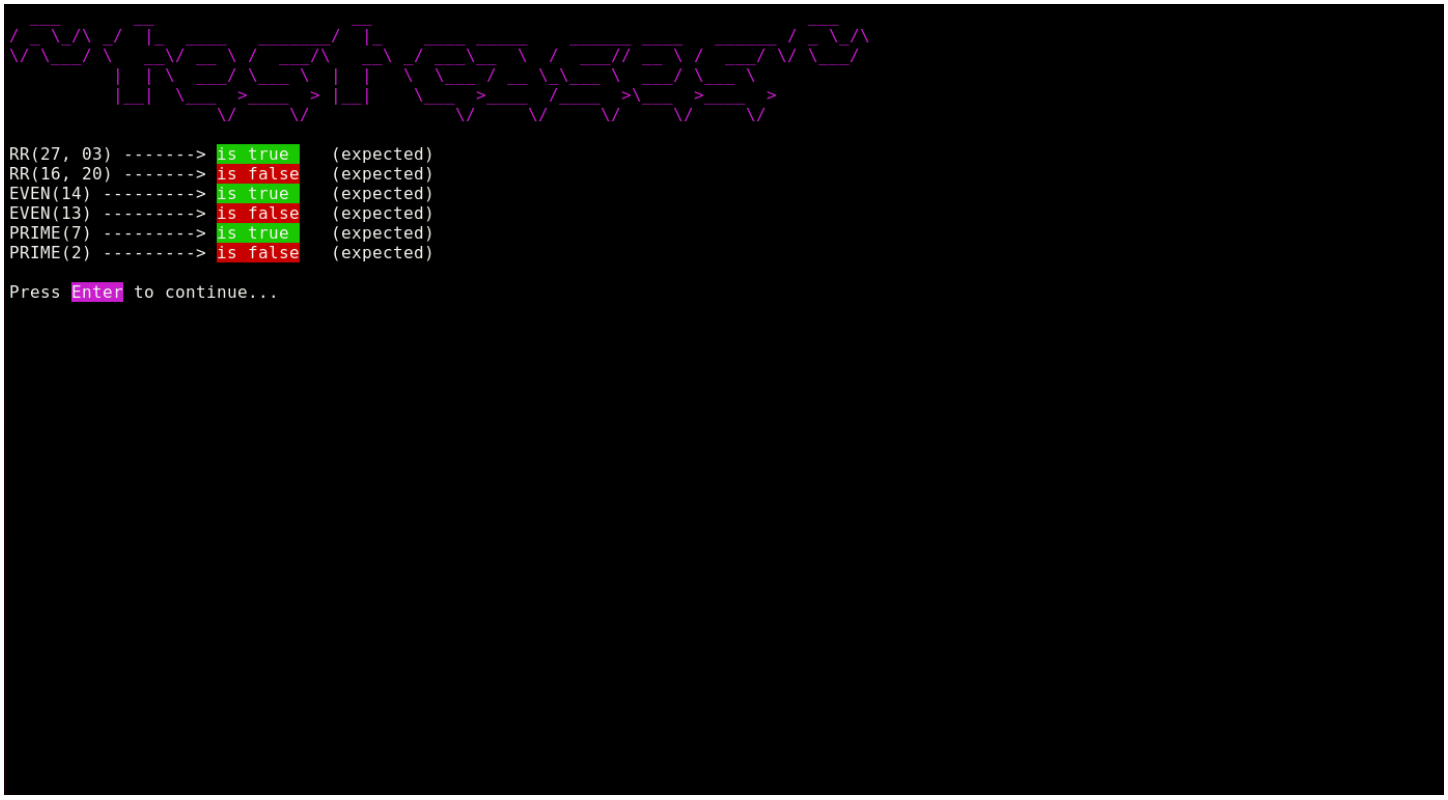
```
Or(And(~x1, ~x2, ~x3, ~x4, ~x5, ~y1, ~y2, ~y3, y4, ~y5), And(~x1, ~x2, ~x3, ~x4, ~x5, y1, y2, ~y3, ~y4, ~y5), And(~x1, ~x2, ~x3, ~x4, x5,
~y1, ~y2, ~y3, y4, y5), And(~x1, ~x2, ~x3, ~x4, x5, y1, y2, ~y3, ~y4, y5), And(~x1, ~x2, ~x3, x4, ~x5, ~y1, ~y2, ~y3, ~y4, y5), And(~x1, ~
x2, ~x3, x4, ~x5, y1, y2, ~y3, y4, ~y5), And(~x1, ~x2, ~x3, x4, x5, ~y1, ~y2, ~y3, ~y4, ~y5), And(~x1, ~x2, ~x3, x4, x5, y1, y2, ~y3, y4,
y5), And(~x1, ~x2, x3, ~x4, ~x5, ~y1, ~y2, y3, y4, ~y5), And(~x1, ~x2, x3, ~x4, ~x5, y1, y2, y3, ~y4, ~y5), And(~x1, ~x2, x3, ~x4, x5, ~y1
, ~y2, y3, y4, y5), And(~x1, ~x2, x3, ~x4, x5, y1, y2, y3, ~y4, y5), And(~x1, ~x2, x3, x4, ~x5, ~y1, ~y2, y3, ~y4, y5), And(~x1, ~x2, x3,
x4, ~x5, y1, y2, y3, y4, ~y5), And(~x1, ~x2, x3, x4, x5, ~y1, ~y2, y3, ~y4, ~y5), And(~x1, ~x2, x3, x4, x5, y1, y2, y3, y4, y5), And(~x1,
x2, ~x3, ~x4, ~x5, ~y1, y2, ~y3, y4, ~y5), And(~x1, x2, ~x3, ~x4, ~x5, y1, ~y2, y3, ~y4, ~y5), And(~x1, x2, ~x3, ~x4, x5, ~y1, y2, ~y3, y4
, y5), And(~x1, x2, ~x3, ~x4, x5, y1, ~y2, y3, ~y4, y5), And(~x1, x2, ~x3, x4, ~x5, ~y1, y2, ~y3, ~y4, y5), And(~x1, x2, ~x3, x4, ~x5, y1,
 ~y2, y3, y4, ~y5), And(~x1, x2, ~x3, x4, x5, ~y1, y2, ~y3, ~y4, ~y5), And(~x1, x2, ~x3, x4, x5, y1, ~y2, y3, y4, y5), And(~x1, x2, x3, ~x
4, ~x5, ~y1, y2, y3, y4, ~y5), And(~x1, x2, x3, ~x4, ~x5, y1, ~y2, ~y3, y4, ~y5), And(~x1, x2, x3, ~x4, x5, ~y1, y2, y3, y4, y5), And(~x1,
 x2, x3, ~x4, x5, y1, ~y2, ~y3, y4, y5), And(~x1, x2, x3, x4, ~x5, ~y1, y2, y3, ~y4, y5), And(~x1, x2, x3, x4, ~x5, y1, ~y2, ~y3, ~y4, y5)
, And(~x1, x2, x3, x4, x5, ~y1, y2, y3, ~y4, ~y5), And(~x1, x2, x3, x4, x5, y1, ~y2, ~y3, ~y4, ~y5), And(x1, ~x2, ~x3, ~x4, ~x5, ~y1, ~y2,
 y3, ~y4, ~y5), And(x1, ~x2, ~x3, ~x4, ~x5, y1, ~y2, ~y3, y4, ~y5), And(x1, ~x2, ~x3, ~x4, x5, ~y1, ~y2, y3, ~y4, y5), And(x1, ~x2, ~x3, ~
x4, x5, y1, ~y2, ~y3, y4, y5), And(x1, ~x2, ~x3, x4, ~x5, ~y1, ~y2, y3, y4, ~y5), And(x1, ~x2, ~x3, x4, ~x5, y1, ~y2, ~y3, ~y4, y5), And(x
1, ~x2, ~x3, x4, x5, ~y1, ~y2, y3, y4, y5), And(x1, ~x2, ~x3, x4, x5, y1, ~y2, ~y3, ~y4, ~y5), And(x1, ~x2, x3, ~x4, ~x5, ~y1, ~y2, ~y3, y
4, ~y5), And(x1, ~x2, x3, ~x4, ~x5, y1, ~y2, y3, y4, ~y5), And(x1, ~x2, x3, ~x4, x5, ~y1, ~y2, ~y3, y4, y5), And(x1, ~x2, x3, ~x4, x5, y1,
 ~y2, y3, y4, y5), And(x1, ~x2, x3, x4, ~x5, ~y1, ~y2, ~y3, ~y4, y5), And(x1, ~x2, x3, x4, ~x5, y1, ~y2, y3, ~y4, y5), And(x1, ~x2, x3, x4
, x5, ~y1, ~y2, ~y3, ~y4, ~y5), And(x1, ~x2, x3, x4, x5, y1, ~y2, y3, ~y4, ~y5), And(x1, x2, ~x3, ~x4, ~x5, ~y1, y2, y3, ~y4, ~y5), And(x1
, x2, ~x3, ~x4, ~x5, y1, y2, ~y3, y4, ~y5), And(x1, x2, ~x3, ~x4, x5, ~y1, y2, y3, ~y4, y5), And(x1, x2, ~x3, ~x4, x5, y1, y2, ~y3, y4, y5
), And(x1, x2, ~x3, x4, ~x5, ~y1, y2, y3, y4, ~y5), And(x1, x2, ~x3, x4, ~x5, y1, y2, ~y3, ~y4, y5), And(x1, x2, ~x3, x4, x5, ~y1, y2, y3,
 y4, y5), And(x1, x2, ~x3, x4, x5, y1, y2, ~y3, ~y4, ~y5), And(x1, x2, x3, ~x4, ~x5, ~y1, y2, ~y3, y4, ~y5), And(x1, x2, x3, ~x4, ~x5, y1,
 y2, y3, y4, ~y5), And(x1, x2, x3, ~x4, x5, ~y1, y2, ~y3, y4, y5), And(x1, x2, x3, ~x4, x5, y1, y2, y3, y4, y5), And(x1, x2, x3, x4, ~x5,
~y1, y2, ~y3, ~y4, y5), And(x1, x2, x3, x4, ~x5, y1, y2, y3, ~y4, y5), And(x1, x2, x3, x4, x5, ~y1, y2, ~y3, ~y4, ~y5), And(x1, x2, x3, x4
, x5, y1, y2, y3, ~y4, ~y5))

Press Enter to continue...
```

Option Two:

Option Three:

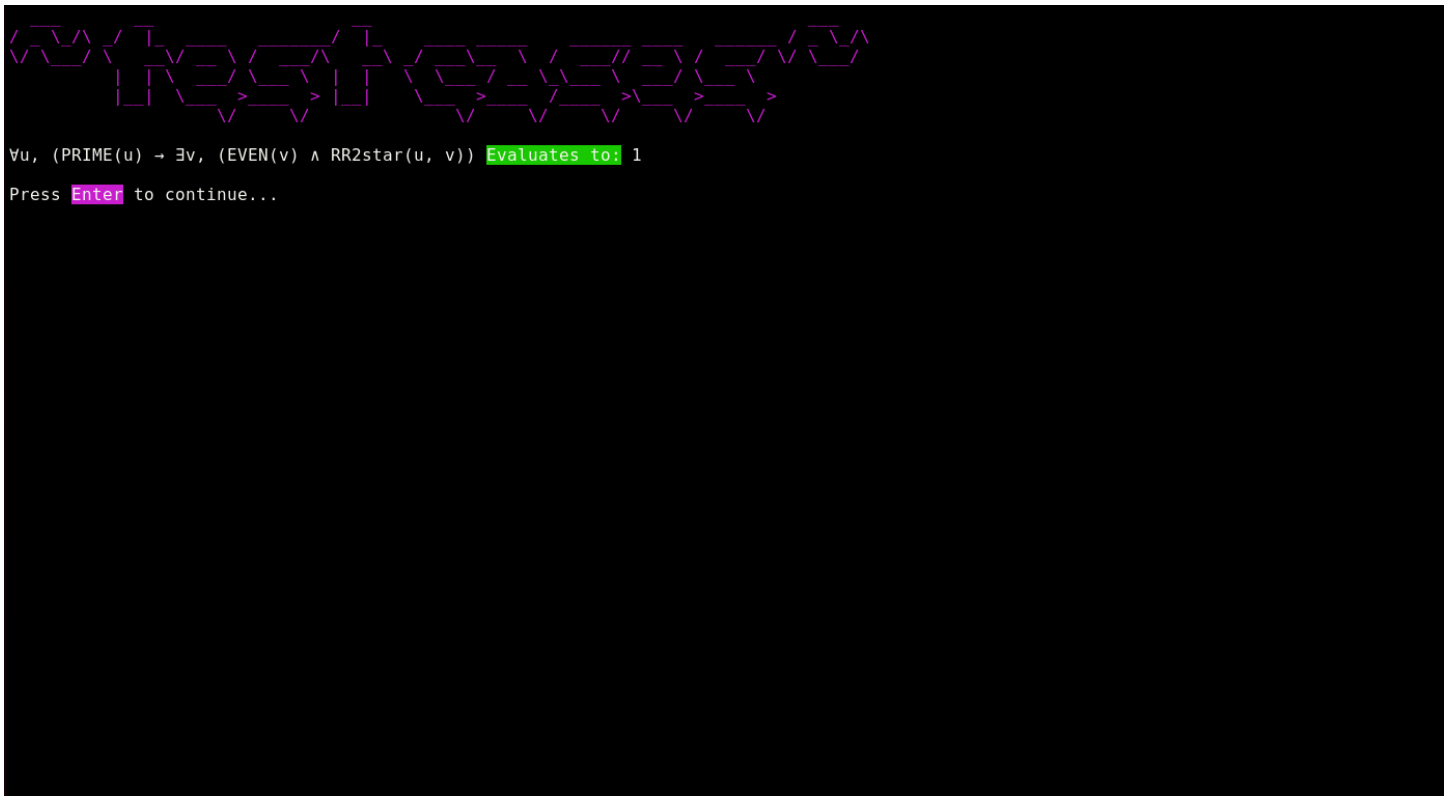


Option Four:



Option Five:

Option Six:



Option Seven: