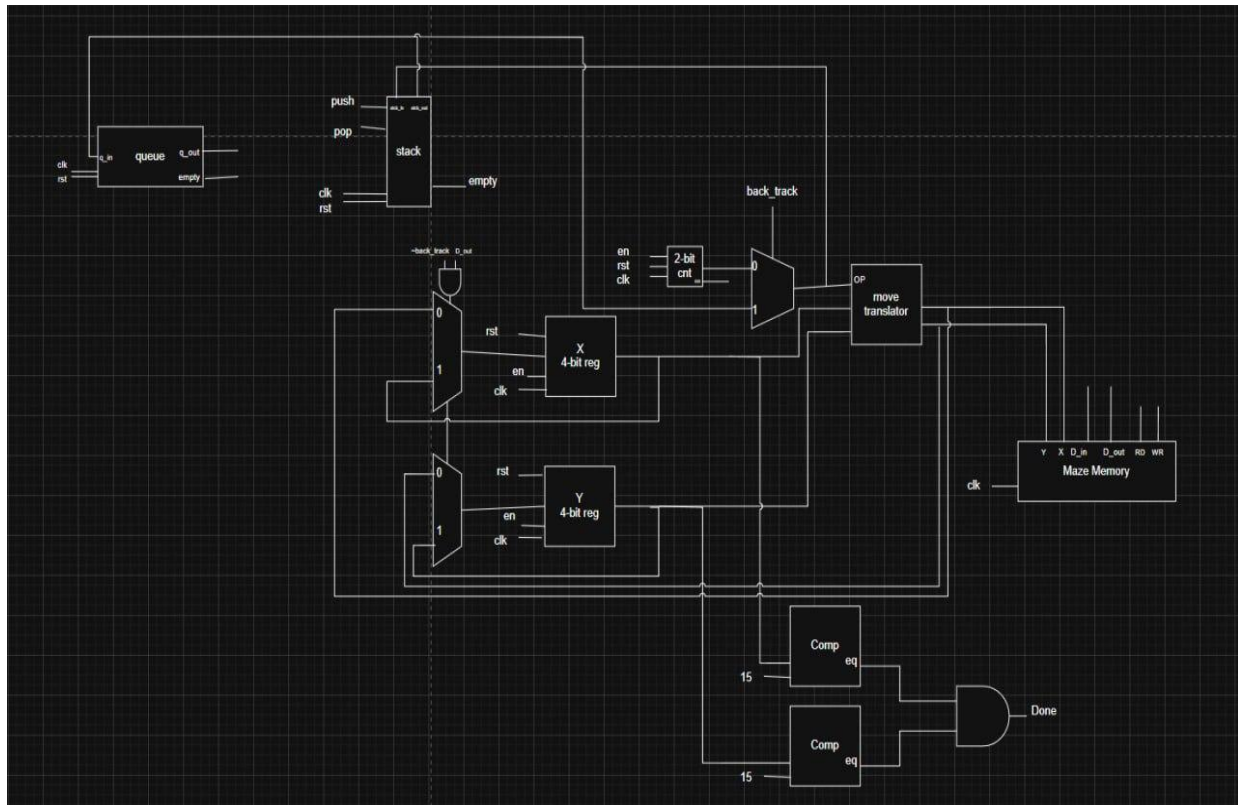


Rat in maze Report

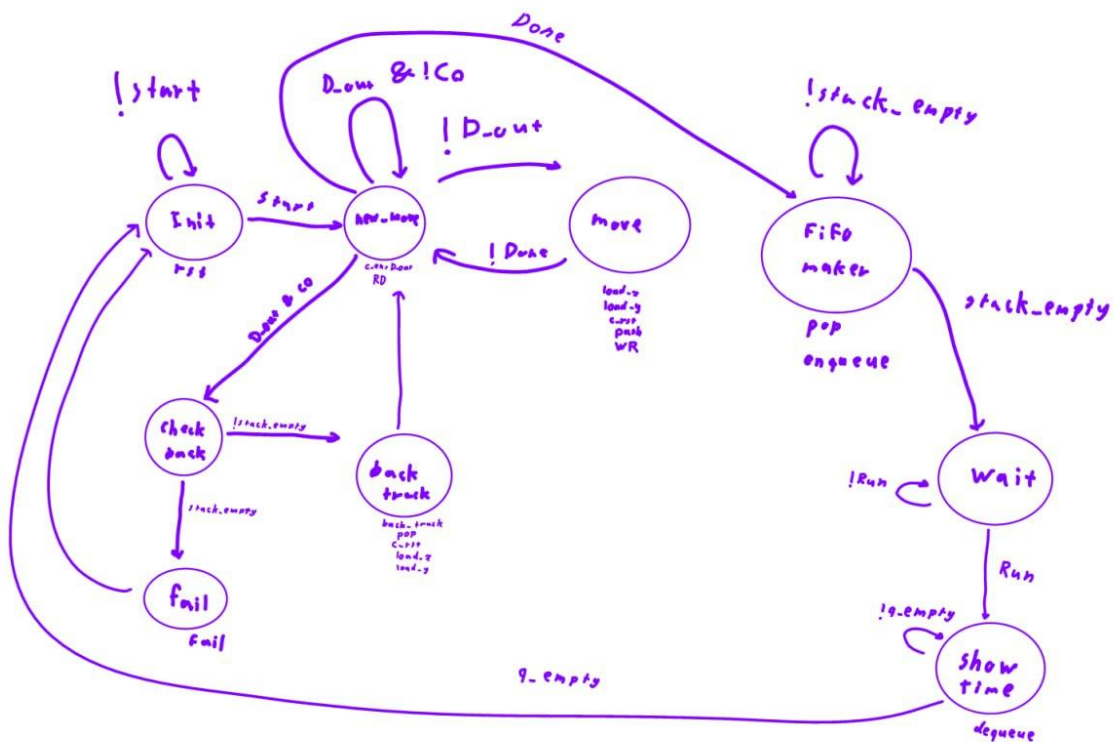
شایان ملکی : 810102515

سید مانی حسینی : 810102552

Data path :



Controller:



we set the map in a text file in a 16 ,16 bit lines like this:

0000000011000111

0110111011011111

0110111000011100

0111111111111101

0000000111111101

1011010100000000

1011000101111101

1011111101111101

1011110001110001

1000011101000111

1011011101110111

0011000001111111

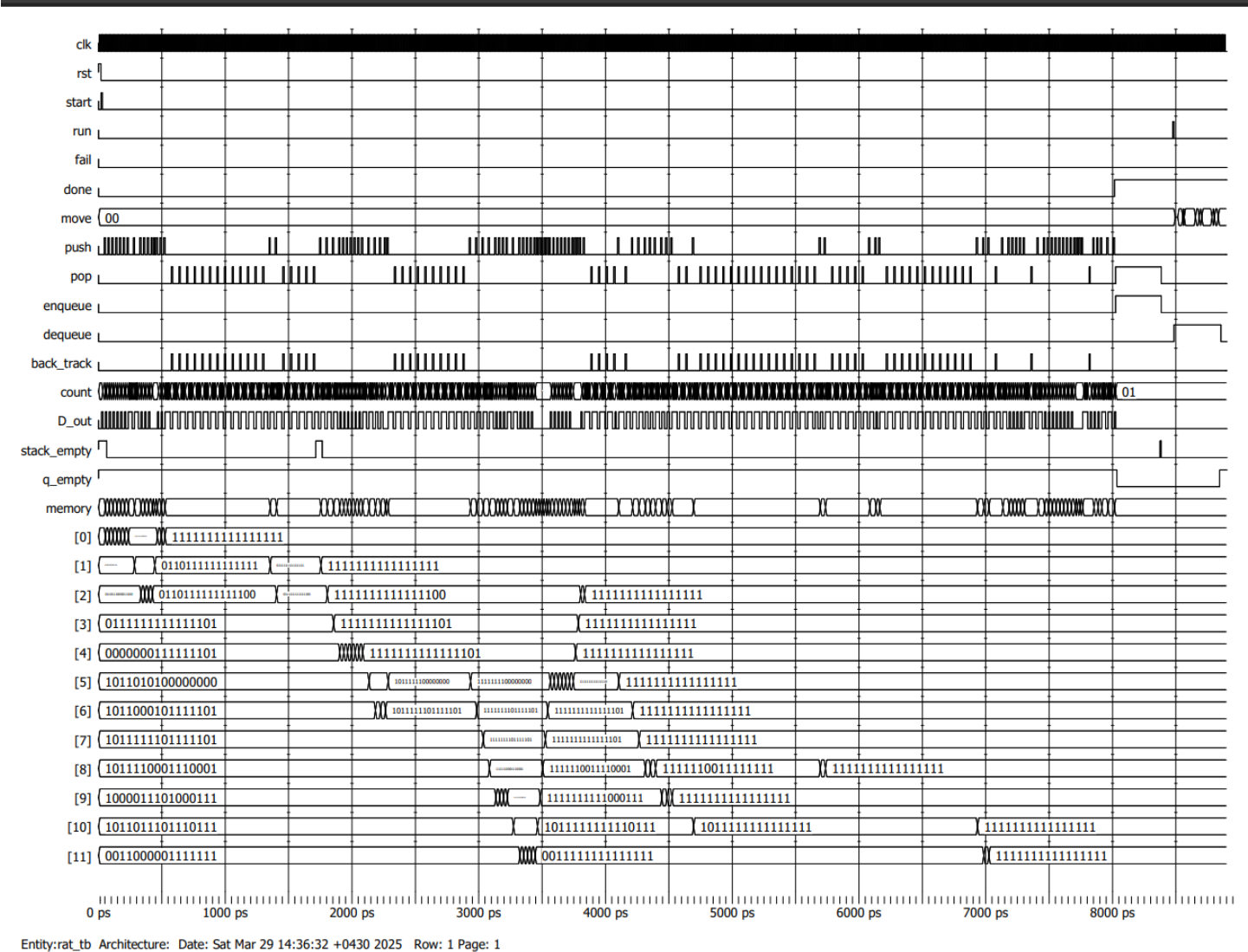
1011111101110111

1000001100110000

1011011111110110

1011000000000110

Here is the result with this test case:



[12]	101111110110111	1011111111110111	1111111111110011	1111111111111111
[13]	1000001100110000	1000001111110000	1111111111111111	1111111111111111
[14]	1011011111110110			1011111111111111
[15]	1011000000000110			1011111111111111