

Sri Lanka Institute of Information Technology



Lab Submission
<Worksheet 05>

<IT24100135>

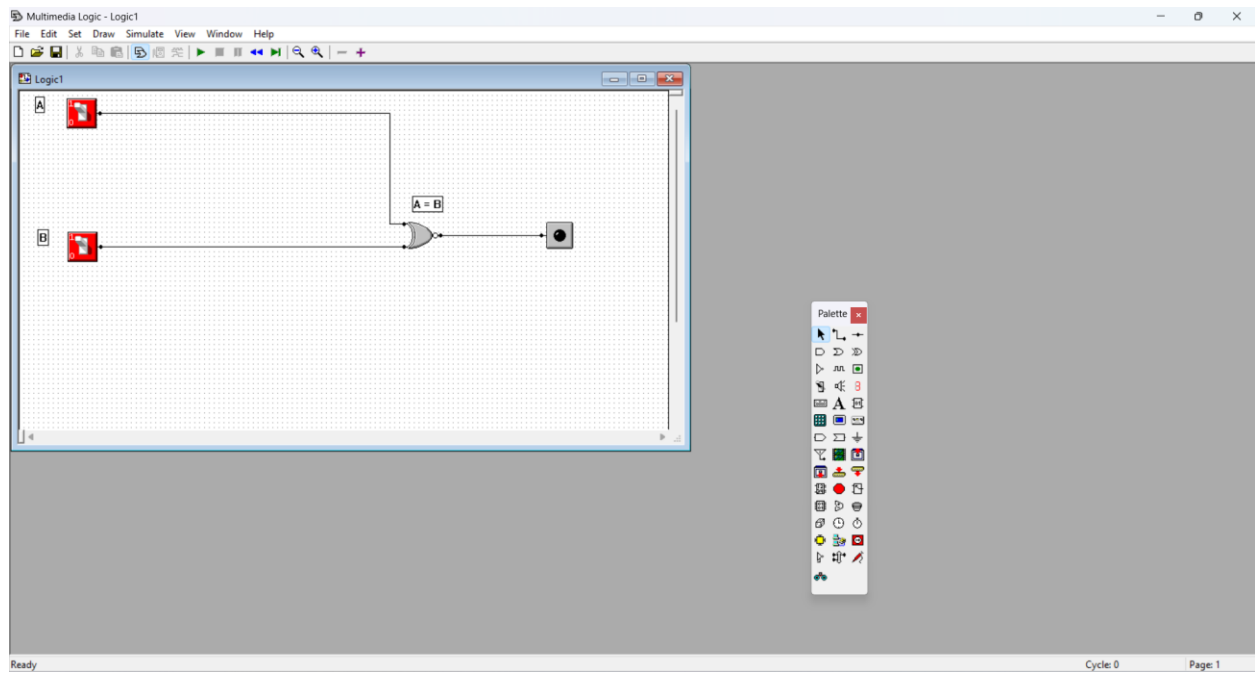
<S.Hithurshan>

Fundamentals of Computing | IT1140

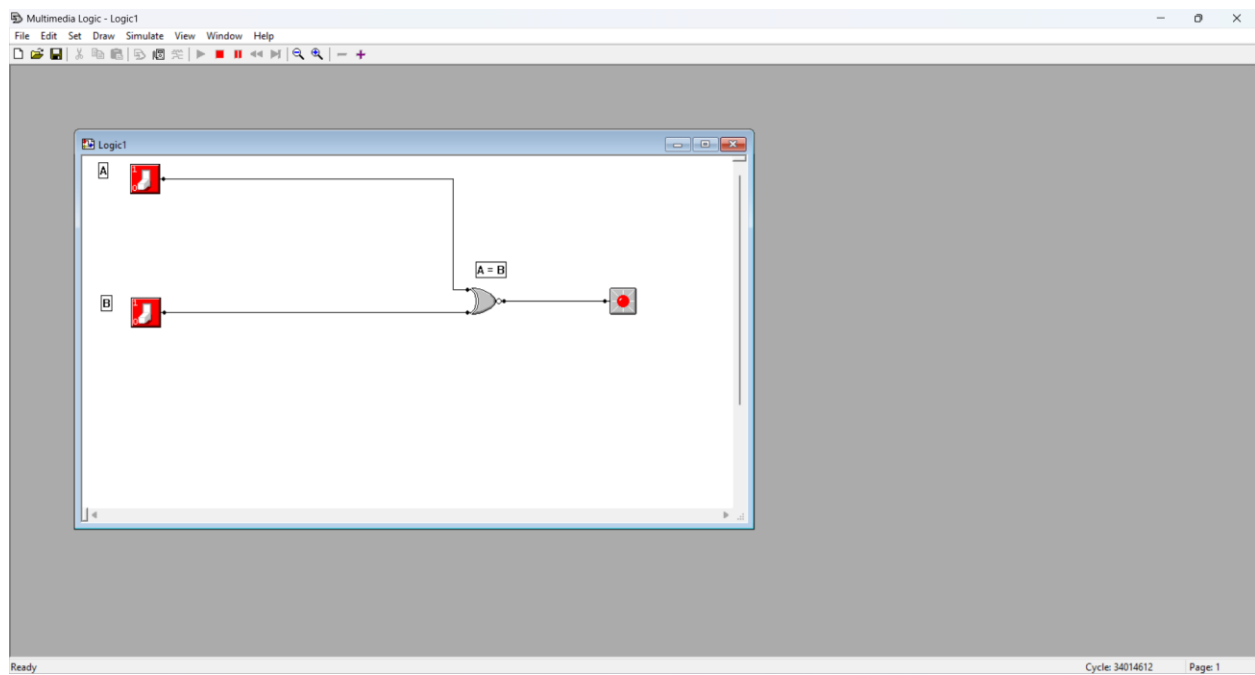
B.Sc. (Hons) in Information Technology

Activity 01:

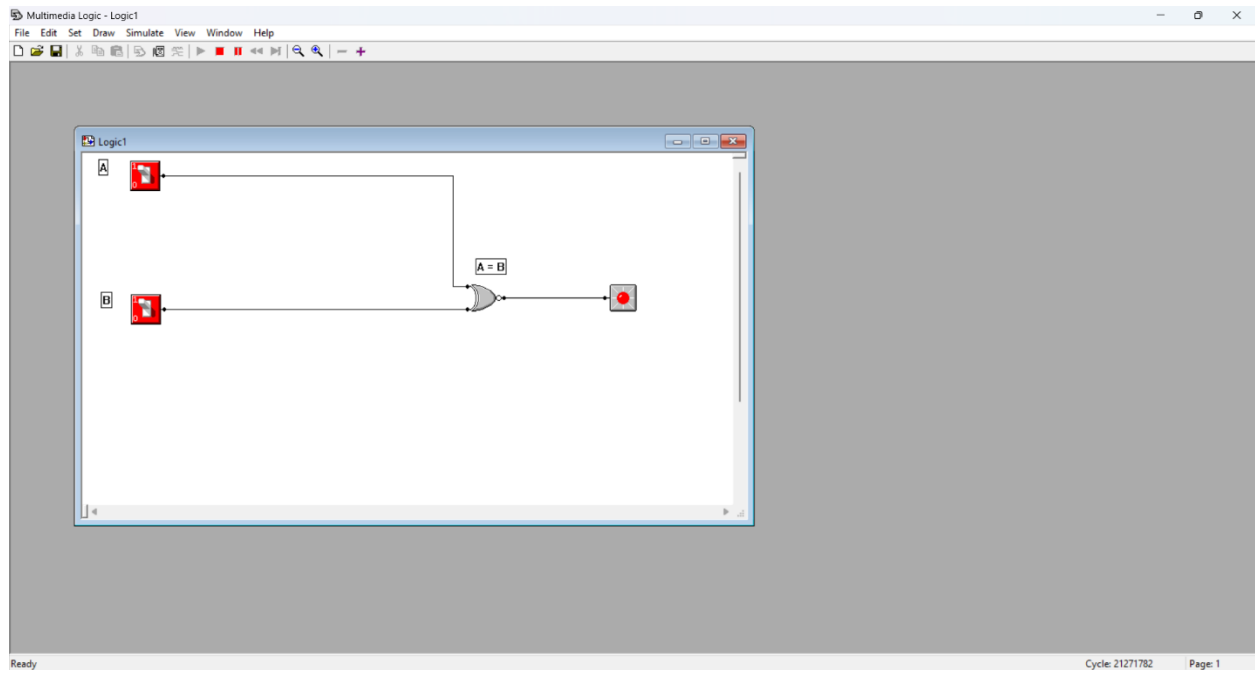
b) $A = B$



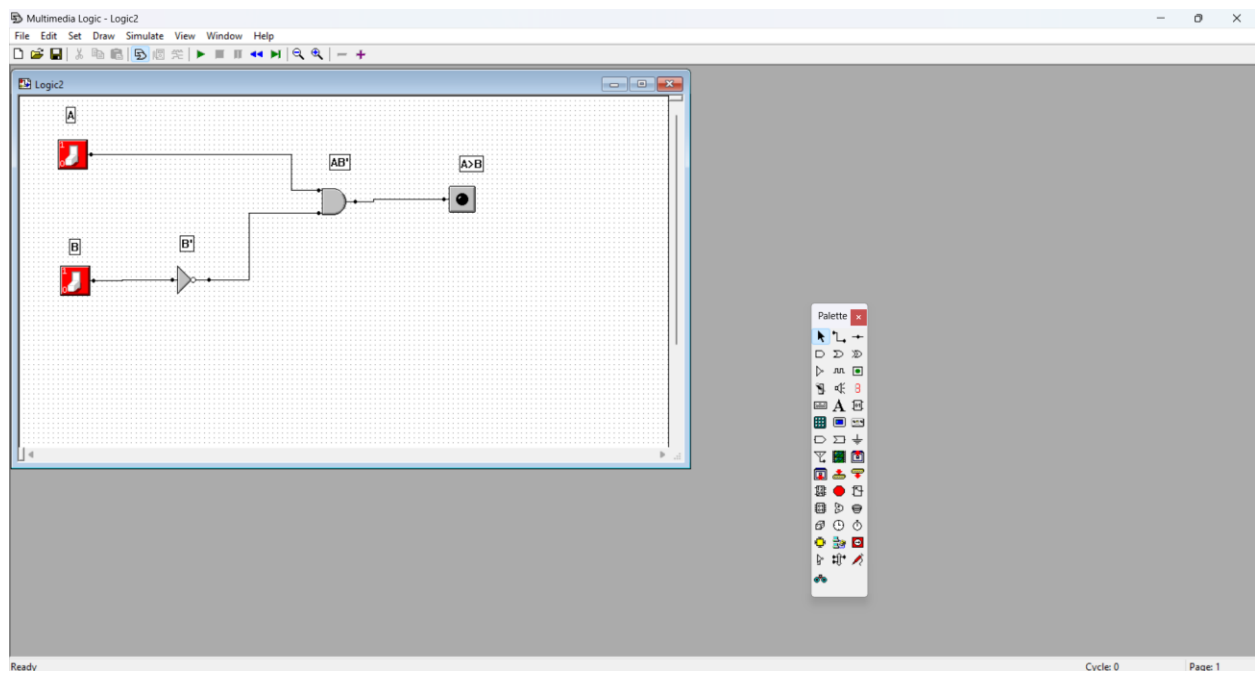
$A = 1, B = 1$



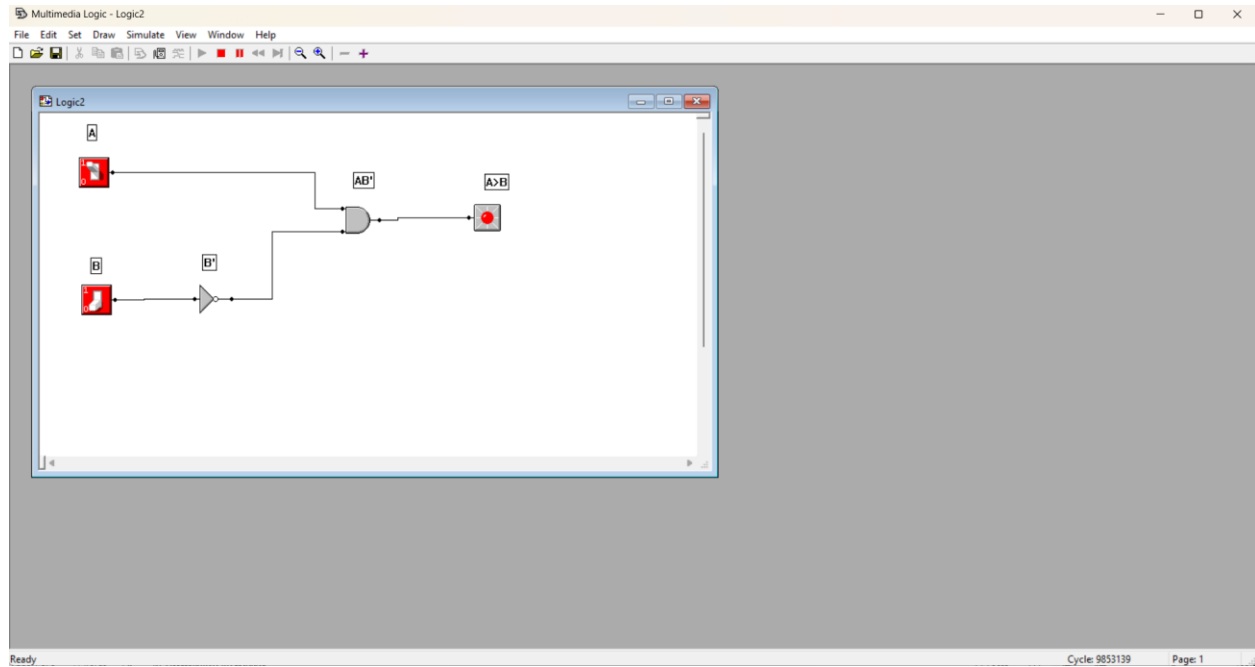
A = 0, B = 0



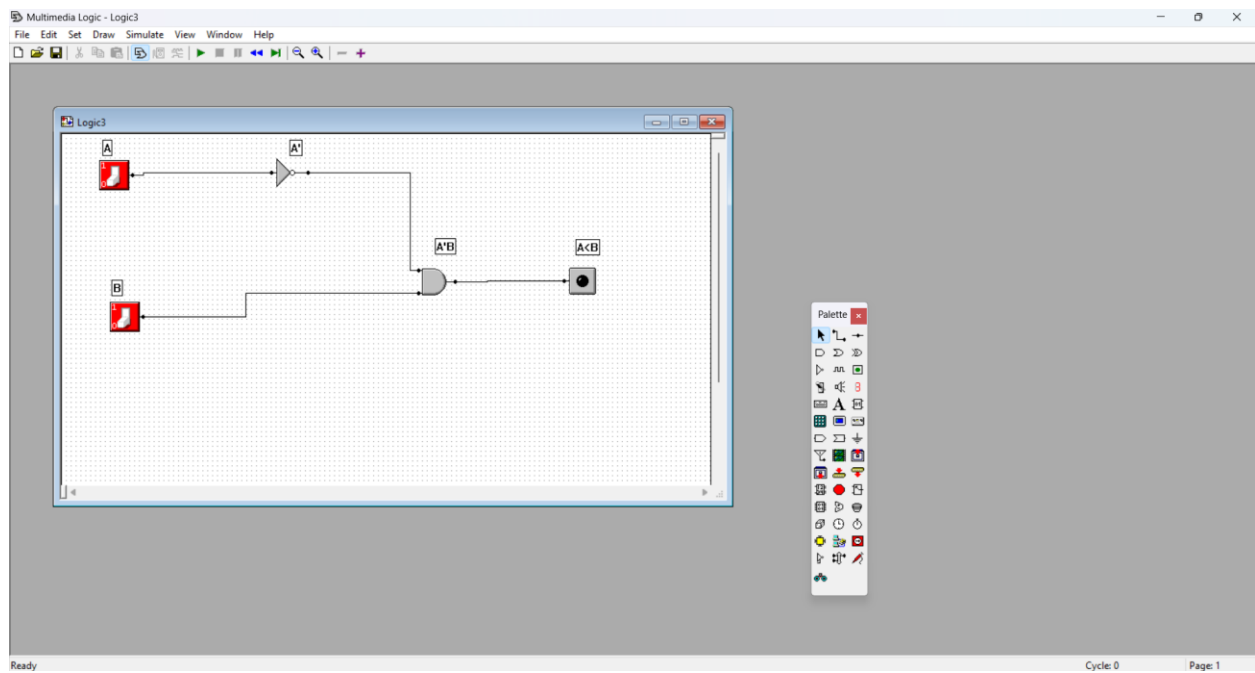
A > B



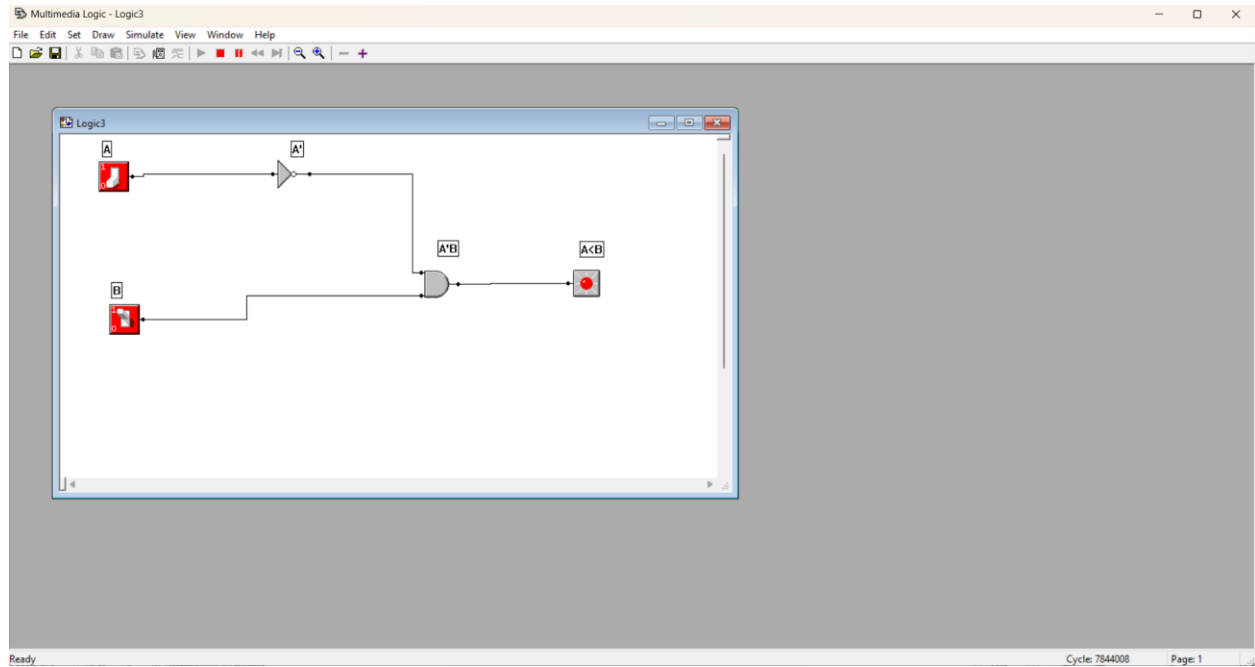
A=1 , B=0



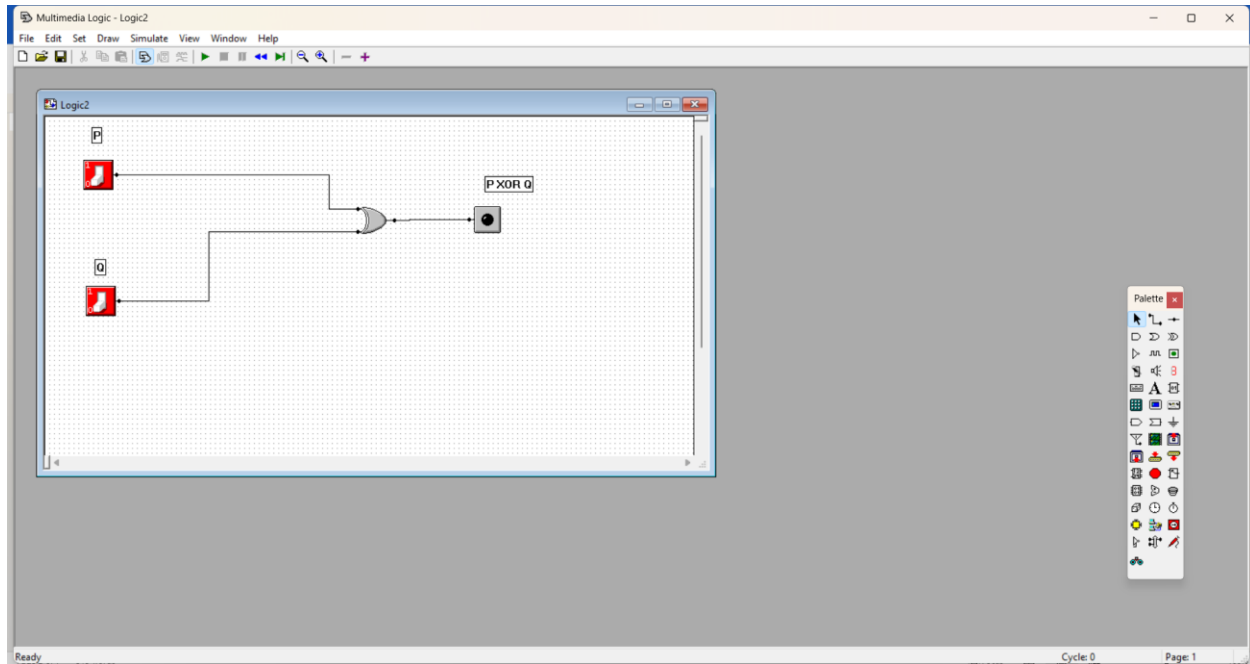
A < B



A = 0 , B = 1



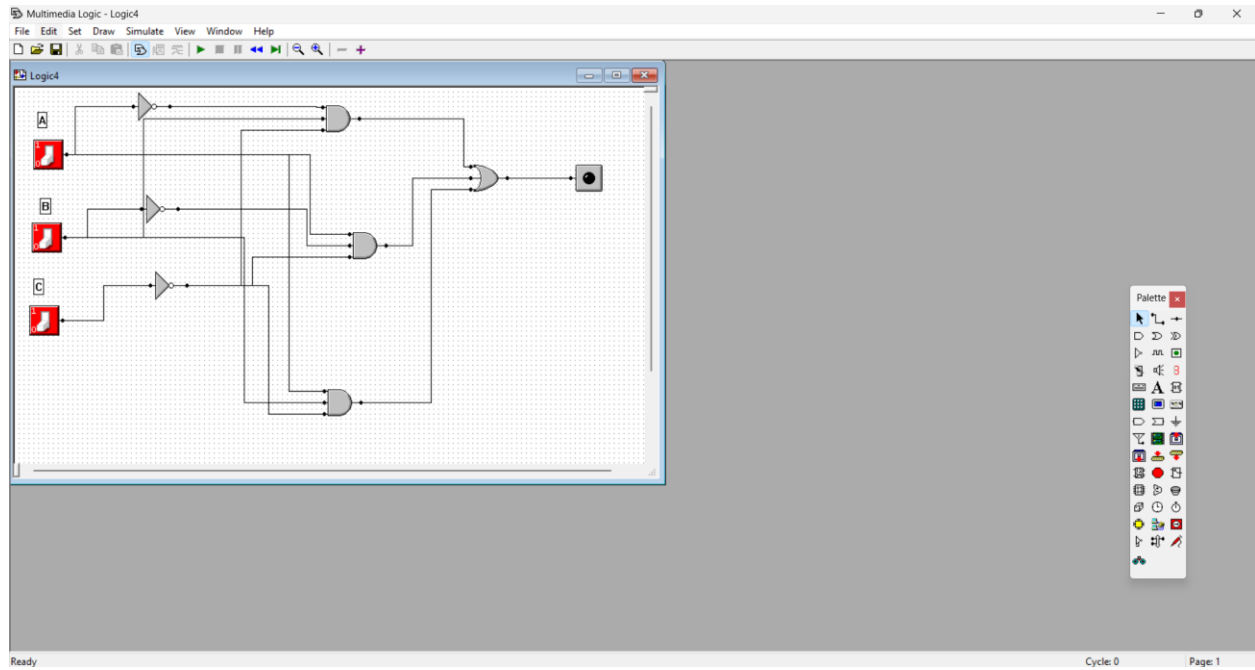
C)



P	Q	P XOR Q
0	0	0
0	1	1
1	0	1
1	1	0

Activity 02:

a)



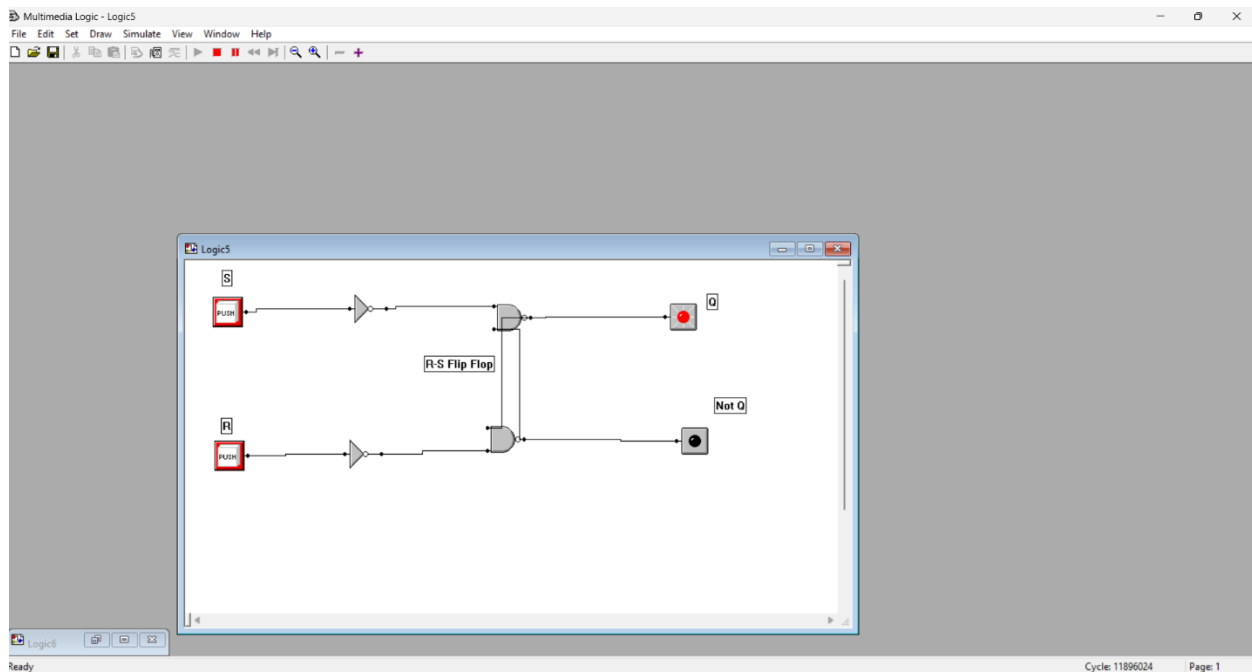
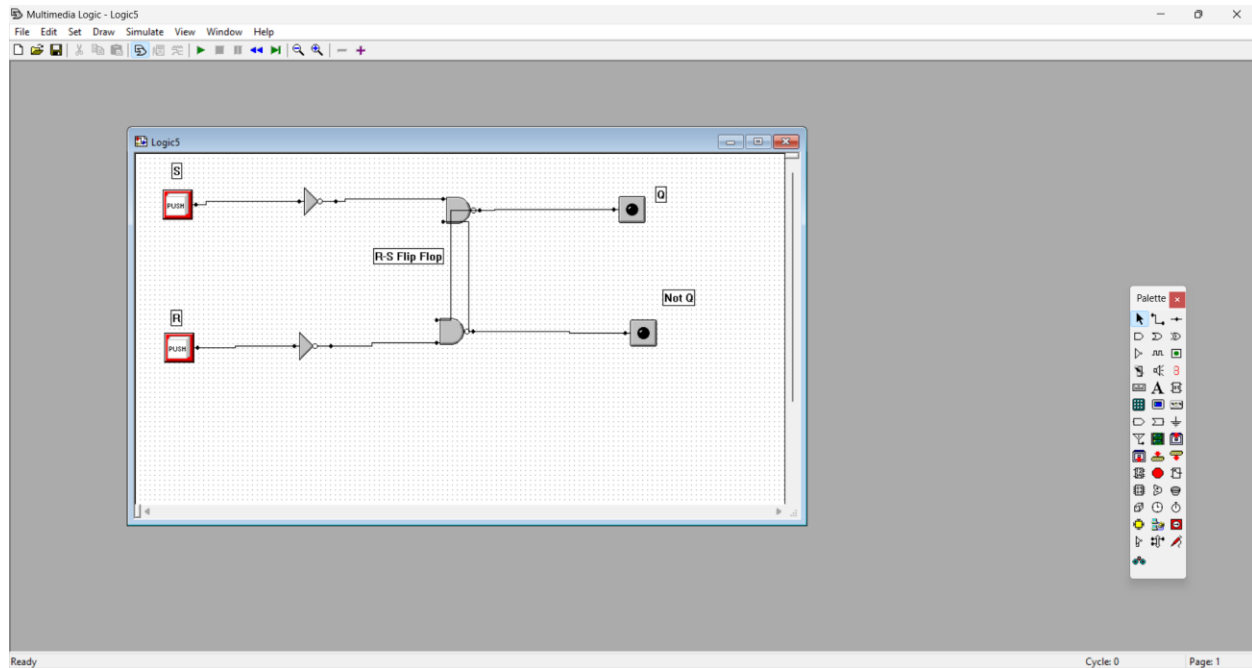
b)

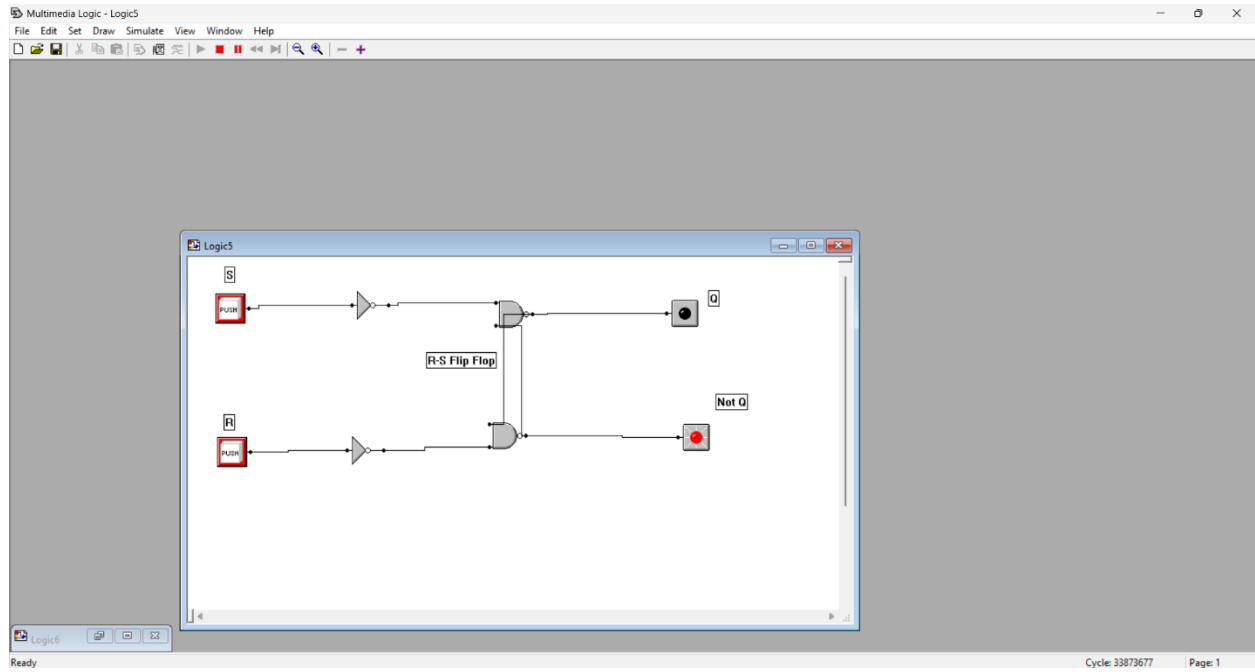
A	B	C	A ,	B ,	C ,	A , B C ,	A B , C ,	A B C ,	F = B C , + A C ,
0	0	0	1	1	1	0	0	0	0
0	0	1	1	1	0	0	0	0	0
0	1	0	1	0	1	1	0	0	1
0	1	1	1	0	0	0	0	0	0
1	0	0	0	1	1	0	1	0	1
1	0	1	0	1	0	0	0	0	0
1	1	0	0	0	1	0	0	1	1
1	1	1	0	0	0	0	0	0	0

C) Error checking & decision making

Activity 03:

a)





b)

