

## **FUNCTIONS USED:**

1. void won() - displays message if won.
2. void lose() - displays message if lost.

### **For the game one more line:**

3. void background(); - To give coordinates in terms of getmaxx and getmaxy and z etc for the game to work in all resolutions.
4. void onemoreline(); - All the statements required for the execution of the game one more line are inside the function.

### **For the game 2048:**

5. void option(); - function to accept from the user
6. void control(char); - perform operations
7. void endgame(); - to check whether user has won the game
8. void initialize(); - randomly initialises numbers in the array.
9. void display(); - displays after every operation
10. void clearoff(); - initialises all numbers to 0
11. void t048(); - contains all statements for 2048

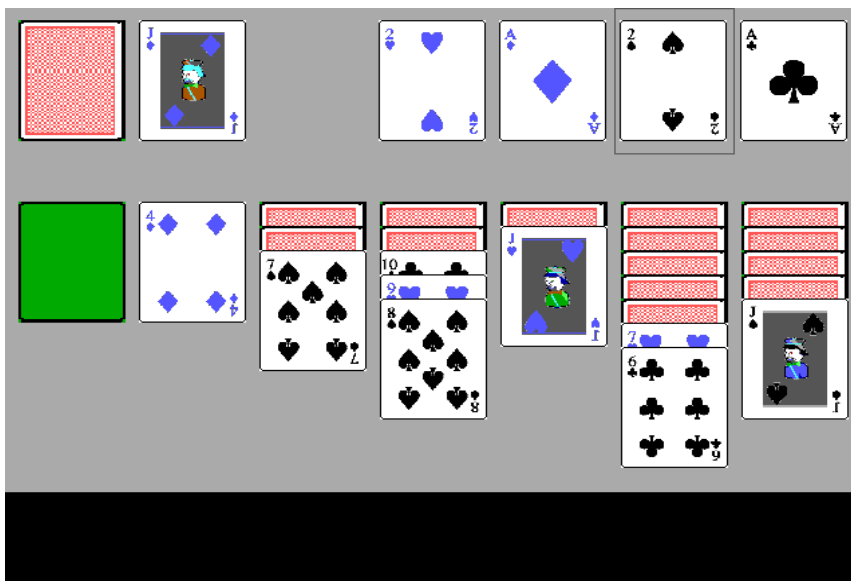
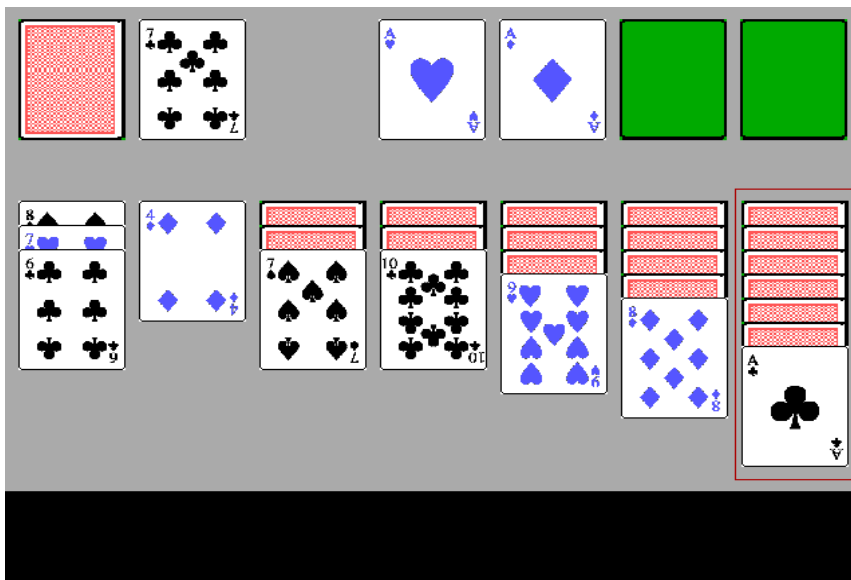
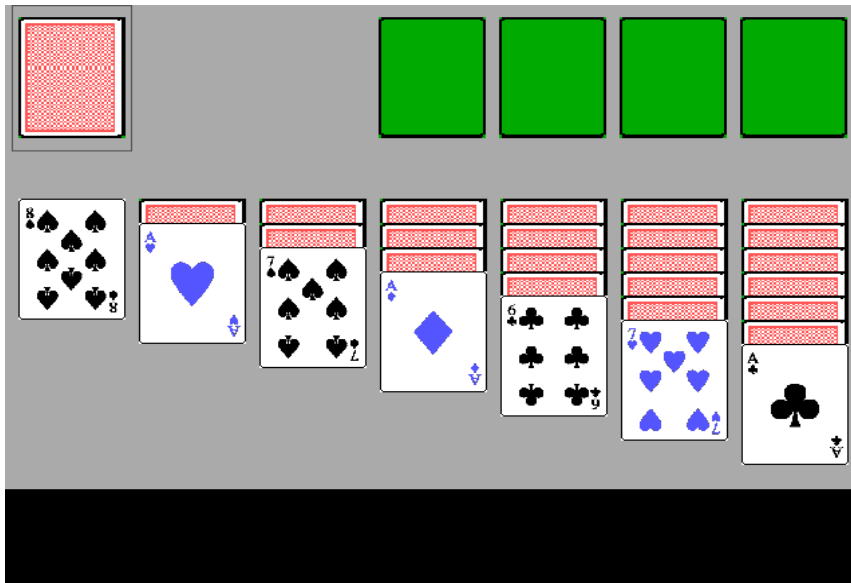
### **For the game bloxorz:**

12. void result(int,int,int,int); -checks whether the game is won.
13. void original(); - draws the boxes for the game
14. void bloxorz(); - contains all statements for bloxorz.

### **For the game Solitaire:**

15. void initialise(); - initialises the values for structure variables
16. char\* filename(char\*); - returns filename for given card
17. int wincheck(); - used for checking whether the game is won
18. void display(); - displays the cards
19. void drawcursor(); - draws the cursor position
20. int color(char\*, char\*); - checks whether both colors are same
21. void deckopt(); - draw a card from the deck
22. void solitaire(); - contains all the statements for the game
23. int init\_graph(); - initialising graph.
24. RGBQuad \*bmp\_load(int, int, char\*) - bitmap loading.

# Snapshots:





			2

2	32	8	2
16			
4			

16	2		
4	16		
2	128	4	
8	4	16	2

TIME 16.538462  
SCORE



TIME 55.989011  
SCORE 3



TIME 38.516484  
SCORE 3



Menu

1. Solitaire

2. Bloxorz

3. 2048

4. One more line

Enter your choice:

GAMEWON

GAMEOVER

## **BIBLIOGRAPHY:**

1. <https://www.wikipedia.org/>
2. [www.dreamincode.net](http://www.dreamincode.net)
3. [www.cplusplus.com](http://www.cplusplus.com)