

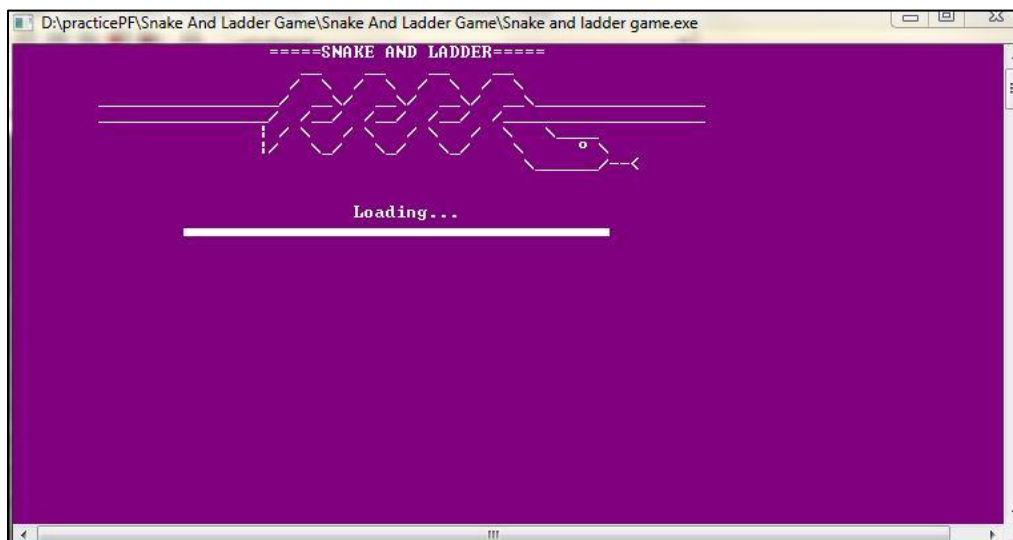
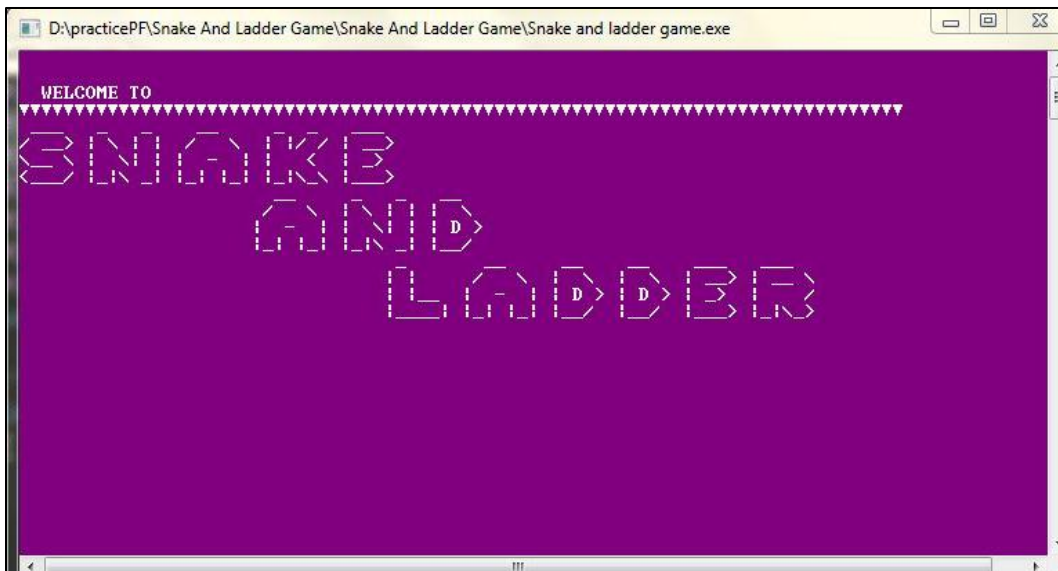
About the game

(a) Game software documentation what you have implemented which structure (loops, conditions, arrays) you have implemented

I have implemented the Input output streams, escape sequences, random function, data types, operators, conditional statements, and repetition structure (loops), functions, arrays, 2D arrays, dynamic arrays, dynamic 2D arrays, pointers.

(b) Image of first look of game

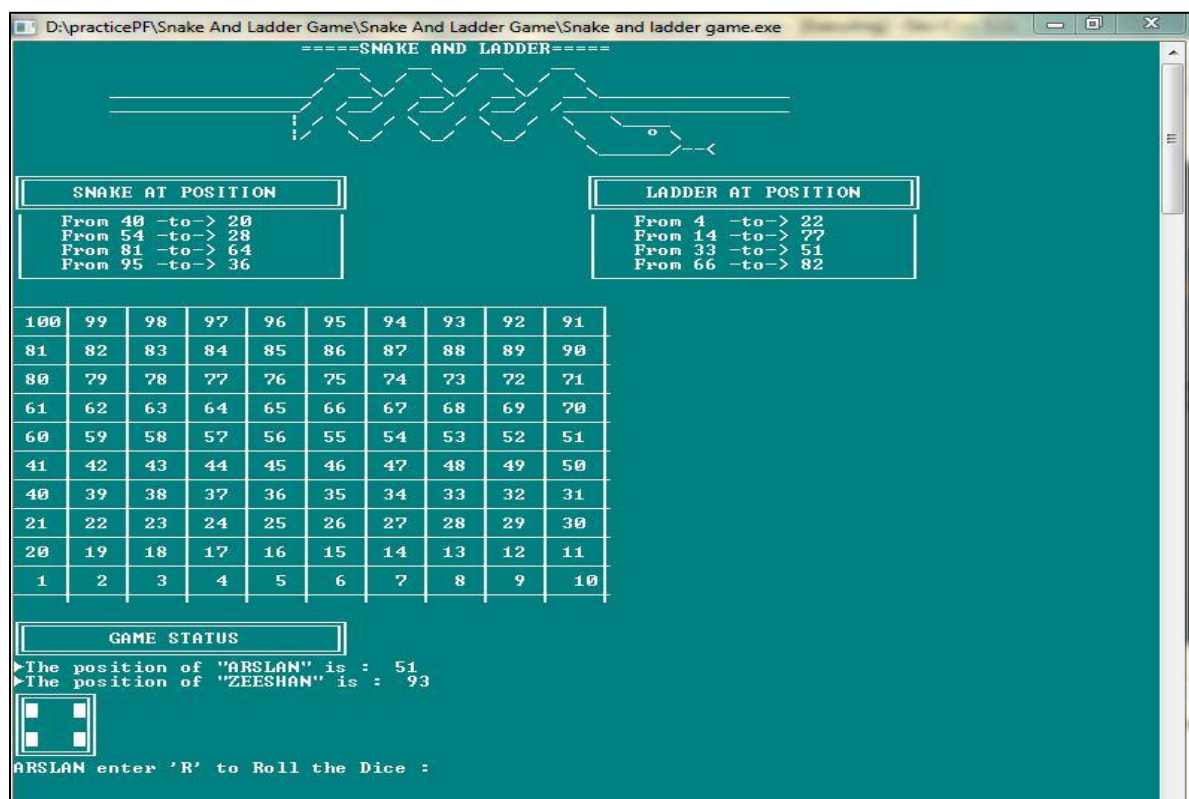
First look of the game is displaying a name of the game as below:



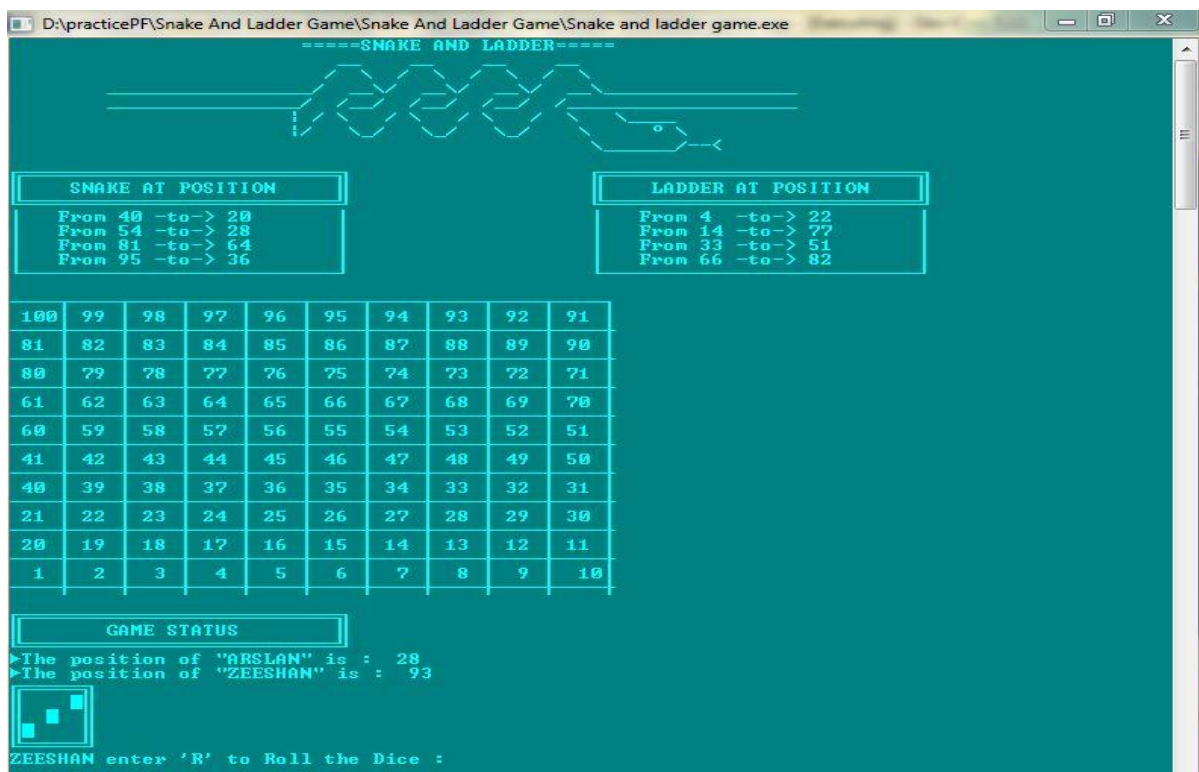
(c) One image after snake effect

When snake affects the player then it will give a sound and show the position after snake biting, you can also see the snake head and tail from at the top of the screen as shown below:

BEFORE SNAKE EFFECT



AFTER SNAKE EFFECT




(d) One image after ladder's effect

When ladder affects the player then it will give a sound and show the position after climbing effect of ladder, you can also see the ladder pick and drop positions at the top of the screen as shown below:



AFTER LADDER EFFECT

=====SNAKE AND LADDER=====



SNAKE AT POSITION

From 40 -to-> 20
 From 54 -to-> 28
 From 81 -to-> 64
 From 95 -to-> 36

LADDER AT POSITION

From 4 -to-> 22
 From 14 -to-> 77
 From 33 -to-> 51
 From 66 -to-> 82

100	99	98	97	96	95	94	93	92	91
81	82	83	84	85	86	87	88	89	90
80	79	78	77	76	75	74	73	72	71
61	62	63	64	65	66	67	68	69	70
60	59	58	57	56	55	54	53	52	51
41	42	43	44	45	46	47	48	49	50
40	39	38	37	36	35	34	33	32	31
21	22	23	24	25	26	27	28	29	30
20	19	18	17	16	15	14	13	12	11
1	2	3	4	5	6	7	8	9	10


GAME STATUS

▶The position of "ARSLAN" is : 22
 ▶The position of "ZEESHAN" is : 0

ZEESHAN enter 'R' to Roll the Dice :

BEFORE LADDER EFFECT

=====SNAKE AND LADDER=====



SNAKE AT POSITION

From 40 -to-> 20
 From 54 -to-> 28
 From 81 -to-> 64
 From 95 -to-> 36

LADDER AT POSITION

From 4 -to-> 22
 From 14 -to-> 77
 From 33 -to-> 51
 From 66 -to-> 82

100	99	98	97	96	95	94	93	92	91
81	82	83	84	85	86	87	88	89	90
80	79	78	77	76	75	74	73	72	71
61	62	63	64	65	66	67	68	69	70
60	59	58	57	56	55	54	53	52	51
41	42	43	44	45	46	47	48	49	50
40	39	38	37	36	35	34	33	32	31
21	22	23	24	25	26	27	28	29	30
20	19	18	17	16	15	14	13	12	11
1	2	3	4	5	6	7	8	9	10

GAME STATUS

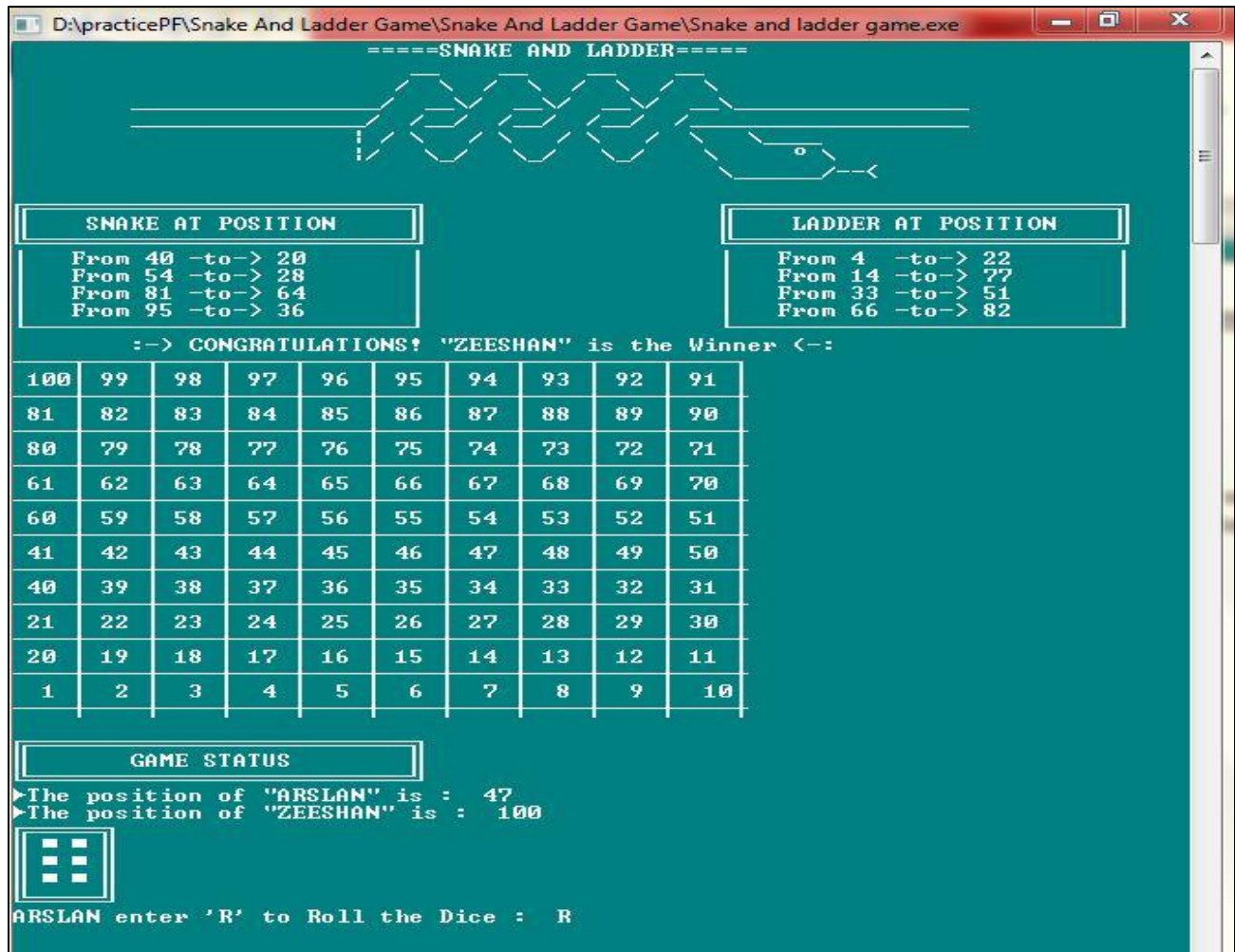
▶The position of "ARSLAN" is : 0
 ▶The position of "ZEESHAN" is : 0

ARSLAN enter 'R' to Roll the Dice :

(e) Image after player win

When any player wins then it will give a sound beep, and show a message and continue the second player to play as shown below:

WINNER



(f) Concluding remarks about this software what you have learn from this coding

After making this game software, I feel like I am able to solve all problems related to the C++ language.

After all, I thanks to my teacher.

