

Please select an option:

1. Play game as a user.
2. Finish the game with PC.
3. Show the best score.
4. Exit.

3

The best score is: 760

```
alpertuf@DESKTOP-FF5ERSK:/mnt/c/Users/AlperKaan/Desktop/CSE-102/hw8$ make
```

```
Welcome to the 8-Puzzle Game!
```

```
Please select an option:
```

1. Play game as a user.
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3. Show the best score.
4. Exit.

```
1
```

```
5 8
```

```
1 7 3
```

```
2 6 4
```

```
Enter the move (number-direction, e.g 2-R):
```

```
8-R
```

```
5 8
```

```
1 7 3
```

```
2 6 4
```

```
Enter the move (number-direction, e.g 2-R): 5-R
```

```
5 8
```

```
1 7 3
```

```
2 6 4
```

```
Enter the move (number-direction, e.g 2-R): 1-U
```

```
1 5 8
```

```
7 3
```

```
2 6 4
```

```
Enter the move (number-direction, e.g 2-R): 7-L
```

```
1 5 8
```

```
7 3
```

```
2 6 4
```

```
Enter the move (number-direction, e.g 2-R): 3-L
```

```
1 5 8
```

```
7 3
```

```
2 6 4
```

```
Enter the move (number-direction, e.g 2-R): 8-D
```

```
1 5
```

```
7 3 8
```

```
2 6 4
```

```
Enter the move (number-direction, e.g 2-R): 5-R
```

```
1 5
```

```
7 3 8
```

```
2 6 4
```

```
Enter the move (number-direction, e.g 2-R):
```

```
3-U
```

```
1 3 5
```

```
7 8
```

```
2 6 4
```

Enter the move (number-direction, e.g 2-R):

6-U

1 3 5

7 6 8

2 _ 4

Enter the move (number-direction, e.g 2-R):

4-L

1 3 5

7 6 8

2 4 _

Enter the move (number-direction, e.g 2-R):

8-D

1 3 5

7 6 _

2 4 8

Enter the move (number-direction, e.g 2-R):

6-R

1 3 5

7 _ 6

2 4 8

Enter the move (number-direction, e.g 2-R):

4-U

1 3 5

7 4 6

2 _ 8

Enter the move (number-direction, e.g 2-R):

2-R

1 3 5

7 4 6

_ 2 8

Enter the move (number-direction, e.g 2-R):

7-D

1 3 5

_ 4 6

7 2 8

Enter the move (number-direction, e.g 2-R):

4-L

1 3 5

4 _ 6

7 2 8

Enter the move (number-direction, e.g 2-R):

2-U

1 3 5

4 2 6

7 _ 8

```
7 _ 8
Enter the move (number-direction, e.g 2-R):
8-L
1 3 5
4 2 6
7 8 _
Enter the move (number-direction, e.g 2-R): 6-D
1 3 5
4 2 _
7 8 6
Enter the move (number-direction, e.g 2-R): 5-D
1 3 _
4 2 5
7 8 6
Enter the move (number-direction, e.g 2-R): 3-R
1 _ 3
4 2 5
7 8 6
Enter the move (number-direction, e.g 2-R): 2-U
1 2 3
4 _ 5
7 8 6
Enter the move (number-direction, e.g 2-R): 5-L
1 2 3
4 5 _
7 8 6
Enter the move (number-direction, e.g 2-R): 6-U
```

```
Congratulations !! You finished the game.
Number of move: 24
Your score: 760
```

```
alpertuf@DESKTOP-FF5ERSK:/mnt/c/Users/AlperKaan/Desktop/CSE-102/hw8$ make
```

```
Welcome to the 8-Puzzle Game!
```

```
Please select an option:
```

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```
2
```

```
7 8 _  
44279  
1 2 3  
4 8 5  
7 _ 6  
44280  
1 2 3  
4 _ 5  
7 8 6  
44281  
1 2 3  
4 5 _  
7 8 6  
44282  
1 2 3  
4 5 6  
7 8 _  
44283  
1 2 3  
4 5 6  
7 8 _  
Computer finished the game.  
Total moves: 44283  
Please select an option:  
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4. Exit.
```

