

CSE 102 SPRING 2025-COMPUTER PROGRAMMING ASSIGNMENT-12

here are some screen shoot of invalid input :

```
Enter coordinate (e.g., A4): a121
Row out of bounds! Allowed: 1-8
Enter coordinate (e.g., A4): █
```

```
Enter coordinate (e.g., A4): k
Invalid format! Please enter like A4.
Enter coordinate (e.g., A4): █
```

```
eyyupildem@Eyyup-MacBook-Air 230104004087 % ./230104004087
Enter size of table: 3
Size cannot be an odd number!
size must be at least 4!
Enter size of table: █
```

```
Enter size of table: 7
Size cannot be an odd number!
Enter size of table: █
```

```

eyyupildem@Eyyup-MacBook-Air 230104004087 % ./230104004087
Enter size of table: 6
  a b c d e f
1 . . . . .
2 . . . . .
3 . . 0 X .
4 . . X 0 .
5 . . . . .
6 . . . . .
Enter coordinate (e.g., a4): d3
Enter different coordinate!
Enter coordinate (e.g., a4): 

```

here is computer won game :

```

[eyyupildem@Eyyup-MacBook-Air 230104004087 % ./230104004087
Enter size of table: 4
  a b c d
1 . . . .
2 . 0 X .
3 . X 0 .
4 . . . .
Enter coordinate (e.g., A4): d1
  a b c d
1 . . . 0
2 . 0 X .
3 . X 0 .
4 . . . .
Computer chose move at: (0, 1)
  a b c d
1 . X . 0
2 . X X .
3 . X 0 .
4 . . . .
Enter coordinate (e.g., A4): c4
  a b c d
1 . X . 0
2 . X X .
3 . X 0 .
4 . . 0 .
Computer chose move at: (2, 3)
  a b c d
1 . X . 0
2 . X X .
3 . X X X
4 . . 0 .
Enter coordinate (e.g., A4): a3
  a b c d
1 . X . 0
2 . X X .
3 0 X X X
4 . . 0 .

```

```
Computer chose move at: (0, 0)
  a b c d
1 X X . 0
2 . X X .
3 0 X X X
4 . . 0 .
Enter coordinate (e.g., A4): a2
  a b c d
1 X X . 0
2 0 X 0 .
3 0 0 0 X
4 . . 0 .
Computer chose move at: (3, 0)
  a b c d
1 X X . 0
2 X X X .
3 X X X X
4 X . 0 .
Enter coordinate (e.g., A4): b2
Enter different coordinate!
Enter coordinate (e.g., A4): b4
  a b c d
1 X X . 0
2 X X X .
3 X X X X
4 X 0 0 .
Computer chose move at: (3, 3)
  a b c d
1 X X . 0
2 X X X .
3 X X X X
4 X X X X
Enter coordinate (e.g., A4): d2
  a b c d
1 X X . 0
2 X X X 0
3 X X X X
4 X X X X
Computer chose move at: (0, 2)
  a b c d
1 X X X 0
2 X X X 0
3 X X X X
4 X X X X
You lose!
eyyupildem@Eyyup-MacBook-Air 230104004087 %
```

here is user win :

```
eyyupildem@Eyyup-MacBook-Air ~ % cd desktop
eyyupildem@Eyyup-MacBook-Air desktop % cd 230104004087
eyyupildem@Eyyup-MacBook-Air 230104004087 % gcc -ansi 230104004087.c -o 230104004087
eyyupildem@Eyyup-MacBook-Air 230104004087 % ./230104004087
Enter size of table: 4
  a b c d
1 . . . .
2 . 0 X .
3 . X 0 .
4 . . . .
Enter coordinate (e.g., a4): d4
  a b c d
1 . . . .
2 . 0 X .
3 . X 0 .
4 . . . 0
Computer chose move at: (b, 1)
  a b c d
1 . X . .
2 . X X .
3 . X 0 .
4 . . . 0
Enter coordinate (e.g., a4): a1
  a b c d
1 0 X . .
2 . 0 X .
3 . X 0 .
4 . . . 0
Computer chose move at: (c, 0)
  a b c d
1 0 X . .
2 X X X .
3 . X 0 .
4 . . . 0
Enter coordinate (e.g., a4): a4
  a b c d
1 0 X . .
2 X 0 X .
3 . X 0 .
4 0 . . 0
Computer chose move at: (d, 3)
  a b c d
1 0 X . .
2 X X X .
3 . X X X
4 0 . . 0
Enter coordinate (e.g., a4): d4
Enter different coordinate!
Enter coordinate (e.g., a4): d1
  a b c d
1 0 X . 0
2 X 0 0 .
3 . 0 0 X
4 0 . . 0
```


Computer chose move at: (c, 3)

	a	b	c	d
1	0	X	.	0
2	X	X	X	X
3	.	0	0	X
4	0	.	.	0

Enter coordinate (e.g., a4): c1

	a	b	c	d
1	0	0	0	0
2	X	0	0	0
3	.	0	0	0
4	0	.	.	0

Computer chose move at: (, 2)

	a	b	c	d
1	0	0	0	0
2	X	0	0	0
3	.	X	0	0
4	0	.	X	0

Enter coordinate (e.g., a4): a3

	a	b	c	d
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	.	X	0

Computer chose move at: (, 1)

	a	b	c	d
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	X	X	0

You win!

eyyupildem@Eyyup-MacBook-Air 230104004087 %

