

<https://www.linkedin.com/in/mousa123/>

### Problem 2:

**\*\*Time:\*\***

1. Input: 4634315 seconds

Output: 1287 Hours, 18 Minutes, 35 Seconds

Photo:

```
Welcome to our converter program...
Choose the units you want to convert from the list or exit.
1. Time
2. Distance
3. Temperature
Time
Enter your time in seconds: 4634315
  1287 Hours
    18 Minutes
  35.00 Seconds

=== Code Execution Successful ===
```

2. Input: 3600000 seconds (42 days)

Output: 1000 Hours, 0 Minutes, 0 Seconds

Photo:

```
Welcome to our converter program...
Choose the units you want to convert from the list or exit.
1. Time
2. Distance
3. Temperature
Time
Enter your time in seconds: 3600000
  1000 Hours
    0 Minutes
    0.00 Seconds

=== Code Execution Successful ===
```

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3. Input: 366100 seconds (4 days, 5 hours, 16 minutes, 40 seconds)

Output: 101 Hours , 41 Minutes, 40 Seconds

Photo:

```
Welcome to our converter program...
Choose the units you want to convert from the list or exit.
1. Time
2. Distance
3. Temperature
Time
Enter your time in seconds: 366100
    101 Hours
     41 Minutes
    40.00 Seconds

=== Code Execution Successful ===
```

**\*\*Distance:\*\***

1. Input: 1000000 centimeters (10 kilometers)

Output: 10 Kilometers, 0 Meters, 0 Centimeters

Photo:

```
Welcome to our converter program...
Choose the units you want to convert from the list or exit.
1. Time
2. Distance
3. Temperature
Distance
Enter your distance in cm: 1000000
    10 Kilometers
     0 Meters
    0.00 Centimeters

=== Code Execution Successful ===
```

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2. Input: 123456789 centimeters (1,234.56789 kilometers)

Output: 1234 Kilometers, 567 Meters, 89 Centimeters

Photo:

```
Welcome to our converter program...
Choose the units you want to convert from the list or exit.
1. Time
2. Distance
3. Temperature
Distance
Enter your distance in cm: 123456789
    1234 Kilometers
    567 Meters
    89.00 Centimeters

=== Code Execution Successful ===
```

3. Input: 987654321 centimeters (9,876.54321 kilometers)

Output: 9876 Kilometers, 543 Meters, 21 Centimeters

Photo:

```
Welcome to our converter program...
Choose the units you want to convert from the list or exit.
1. Time
2. Distance
3. Temperature
Distance
Enter your distance in cm: 987654321
    9876 Kilometers
    543 Meters
    21.00 Centimeters

=== Code Execution Successful ===
```

**\*\*Temperature:\*\***

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1. Input: -40 Fahrenheit (coldest recorded temperature on Earth)

Output: -40 Celsius, 233.15 Kelvin

Photo:

```
Welcome to our converter program...
Choose the units you want to convert from the list or exit.
1. Time
2. Distance
3. Temperature
Temperature
Enter your temperature in Fahrenheit: -40
-40.00 Celsius
233.15 Kelvin

=== Code Execution Successful ===
```

2. Input: 212 Fahrenheit (boiling point of water)

Output: 100 Celsius, 373.15 Kelvin

Photo:

```
Welcome to our converter program...
Choose the units you want to convert from the list or exit.
1. Time
2. Distance
3. Temperature
Temperature
Enter your temperature in Fahrenheit: 212
100.00 Celsius
373.15 Kelvin

=== Code Execution Successful ===
```

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3. Input: 98.6 Fahrenheit (normal body temperature)

Output:

37 Celsius, 310.15 Kelvin

Photo:

```
Welcome to our converter program...
Choose the units you want to convert from the list or exit.
1. Time
2. Distance
3. Temperature
Temperature
Enter your temperature in Fahrenheit: 98.6
37.00 Celsius
310.15 Kelvin

=== Code Execution Successful ===
```

Problem3:

```
- - -  
- - -  
Enter your move (player one):1 1  
The current board is:  
0 - -  
- - -  
- - -  
Enter your move (player two):1 2  
The current board is:  
0 X -  
- - -  
- - -  
Enter your move (player one):2 2  
The current board is:  
0 X -  
- 0 -  
- - -  
Enter your move (player two):2 1  
The current board is:  
0 X -  
X 0 -  
- - -  
Enter your move (player one):3 3  
The current board is:  
0 X -  
X 0 -  
- - 0  
Player one is the winner  
Do you want to play again? (y/n)
```