

### INTRODUCTION TO UNIT CONVERTER

**Making Conversions Easy** 



# BANGLADESH UNIVERSITY OF BUSINESS AND TECHNOLOGY(BUBT)

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#### Overview of the App

The aim of this **UNIT CONVERTER SYSTEM** project is to develop a user-friendly and efficient unit converter system that can convert various measurements, including mass, length, temperature, number system, and time. The system should provide accurate and precise conversions.

#### Our Unit converter System can convert:

#### Mass:

Kilogram to gram, pound, ton, carat(All vice versa)

#### Length:

Meter to km, foot, Inch, Centimeter(All vice versa)

#### Temperature:

Celsius to Fahrenheit, kelvin(All vice versa)

#### **Number System:**

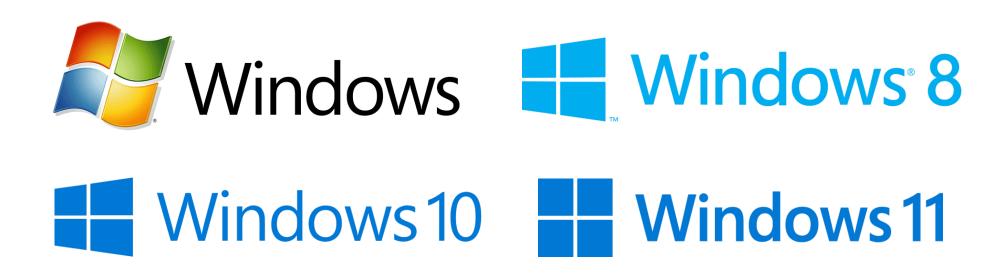
Decimal to Binary, Octal, Hexadecimal(All vice versa)

#### Time:

Day to second, minute, hour(All vice versa)

### Requirement:

You can Run the .exe file of our app in any windows version, but we have not tested our app in windows vista or a lower version.



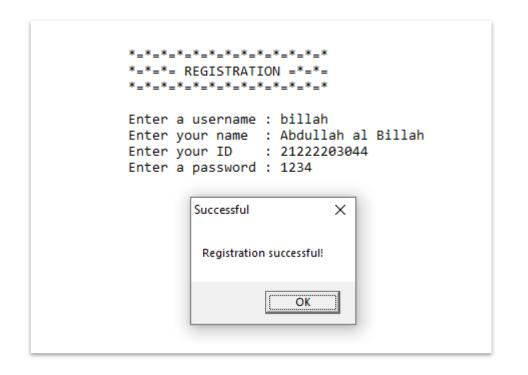
#### How to Use the App

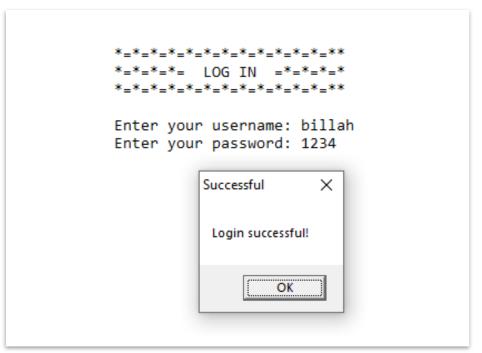
Unregistered users cannot use this app so first complete your registration and then log in with your username and password. When you have selected a converter, our app will take you to the login and registration page option.

```
*_*_*_*_*_*_*_*_*_*_*_*
                                                         * UNIT CONVERTER SYSTEM *
                                                         *_*_*_*_*_*_*_*_*_*_*_*
  Please Select Your Converter Option
                                                             Choose an option
                                                         MENU
MENU
                                                         Register For Select : 1
Number Conversion For Select
                                                         ° Login For Select : 2
o Time Conversion For Select
O Length Conversion For Select
                                                         Main Menu For Select : 3
Mass Conversion For Select
                                                         o Quit For Select : 4
° Temperature Conversion For Select : 5
• Exit For Select
                                                         Input Your Option: 1
Enter Menu Number: 3
```

If you have not registered, please register first. And if you have already registered then login.

Provide your Name, Unique Username, ID, Password for registration.





For example: You have selected the preferred converter option from your length converter options, then enter your length.

## Congratulations!

You have received your converted values

```
*=*=*= Output *=*=**
   Meter of 1 Kilometer is 1000 Meter
MENU
° Input Again For Select : 1
° Kilometer Conversion Menu For Select : 2
o Main Menu For Select : 3
o Exit For Select : 4
 Enter Menu Number:
```

# You can now switch to another converter system from the main menu or exit the app

```
*=*=*=* Output *=*=**
         *_*_*_*_*_*_*_*_*_*
     Meter of 1 Kilometer is 1000 Meter
  MENU
  o Input Again For Select
  ° Kilometer Conversion Menu For Select : 2
  ° Main Menu For Select : 3
  º Exit For Select
   Enter Menu Number: 3
        *_*_*_*_*_*_*_*_*
       *=*=*=* Output *=*=**
        *_*_*_*_*_*_*_*_*_*
   Meter of 1 Kilometer is 1000 Meter
MENU
Input Again For Select
° Kilometer Conversion Menu For Select : 2
o Main Menu For Select : 3
o Evit Fon Select : 4
o Exit For Select
 Enter Menu Number: 4
```

```
Please Select Your Converter Option
          _____
        MENU
        Number Conversion For Select
        o Time Conversion For Select
        Length Conversion For Select
        Mass Conversion For Select : 4
        ° Temperature Conversion For Select : 5
        o Exit For Select
         Enter Menu Number: 2
Press any key to continue . . .
```

