

REPORT OF PROJECT

(UNIT CONVERTER)

INTRODUCTION – Unit Converter supports conversions between combinations of units. The input and the result can consist of various units and this conversion is enumerated in one step, e.g. a length measured in yards, feet and inches into the length in meters and centimetres.

AIM – To easily calculate the conversion of different units easily in one step.

SUPPORTED CONVERSION TYPES –

1. Length
2. Temperature
3. Weight
4. Area
5. Volume

HEADERS FILES –

(1) **iostream** : iostream stands for standard input-output stream. This header file contains definitions to objects like cin, cout, cerr etc.

(2) **stdlib.h** : stdlib is the header for general purpose standard library of C/C++ programming language which includes functions involving memory allocation, process control, conversions and others.

REQUIREMENTS – Code Blocks and a suitable C++ compiler.

Coding- The file of source code has been uploaded separately.

Testing-

```
C:\Users\Sehaj\Documents\C++\Project_Unit_Converter.exe
WELCOME TO UNIT CONVERTER

TYPE
-----
1: Length
2: Temperature
3: Weight
4: Area
5: Volume
6: Exit

Please choose your Conversion Type: _
```

```
C:\Users\Sehaj\Documents\C++\Project_Unit_Converter.exe

choose your unit conversion:

1 : mm-m
2 : m-mm
3 : cm-m
4 : m-cm
5 : cm_km
6 : km-cm
7 : m-mile
8 : mile-m
9 : km-mile
10 : mile-km
11 : feet-m
12 : m-feet
13 : inch-m
14 : m-inch
15 : Back to The Main Menu

Please Enter Your Choice= _
```

```
C:\Users\Sehaj\Documents\C++\Project_Unit_Converter.exe

choose your unit conversion:

1 : mm-m
2 : m-mm
3 : cm-m
4 : m-cm
5 : cm_km
6 : km-cm
7 : m-mile
8 : mile-m
9 : km-mile
10 : mile-km
11 : feet-m
12 : m-feet
13 : inch-m
14 : m-inch
15 : Back to The Main Menu

Please Enter Your Choice= 4

meter= 12

cm= 1200

Please Enter Your Choice= _
```

APPLICATIONS –

1. Can be used anywhere and anytime
2. Supports multiple unit conversions
3. User-friendly

