



# Seneca College

PRG155

FINAL PROJECT

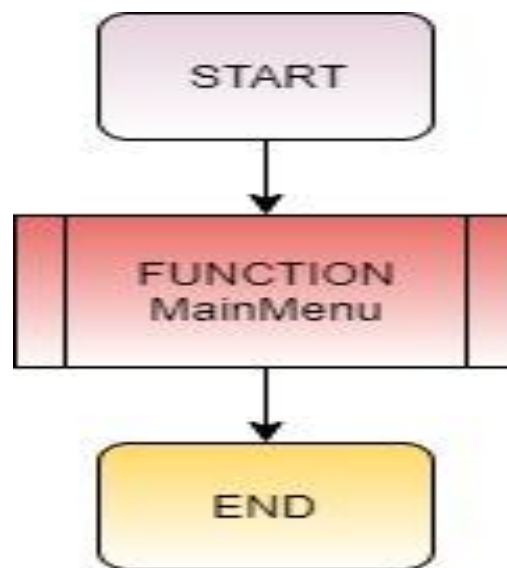
UNIT CONVERTER

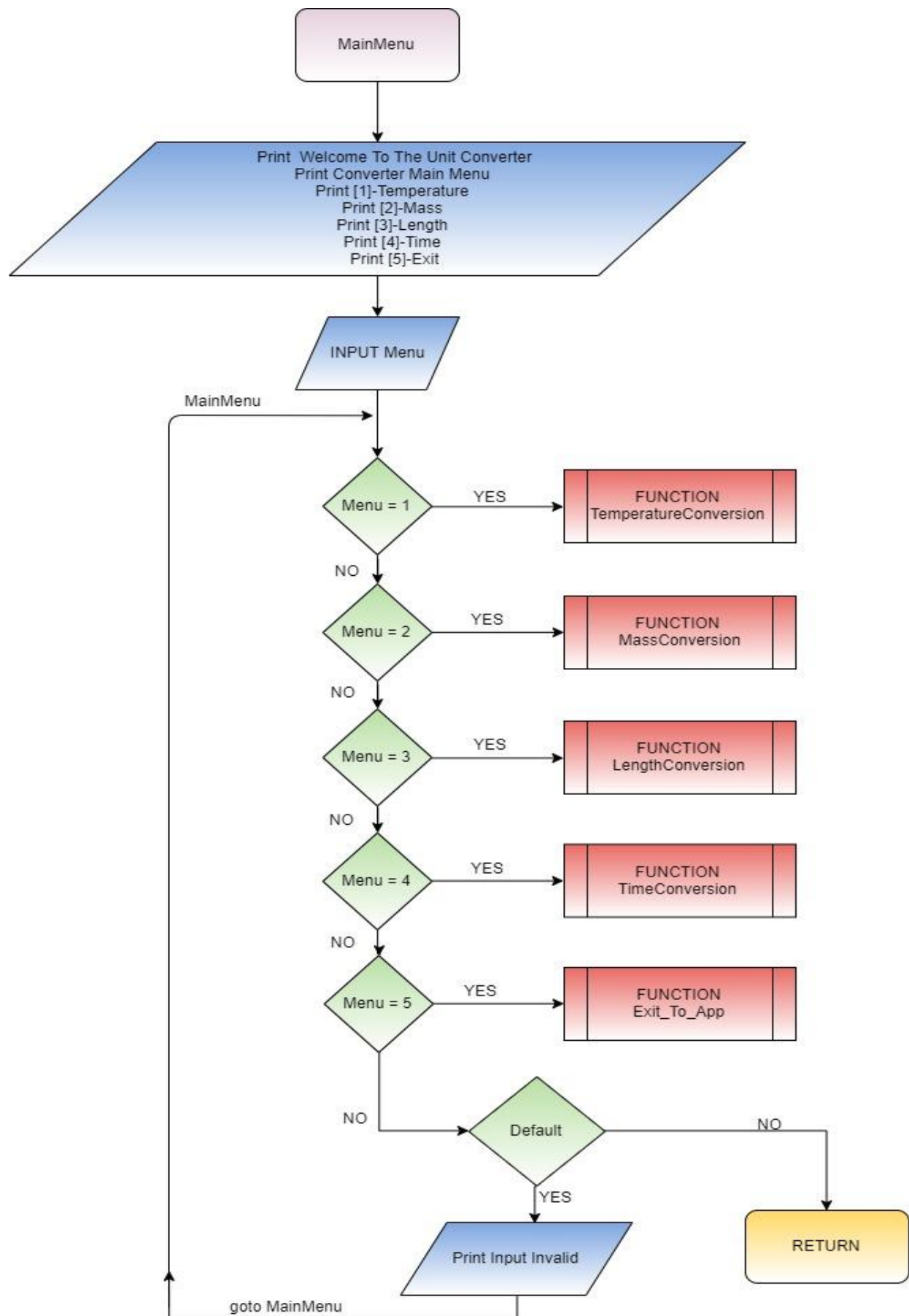
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30,November,2019

Proff. Mitchell Paddon

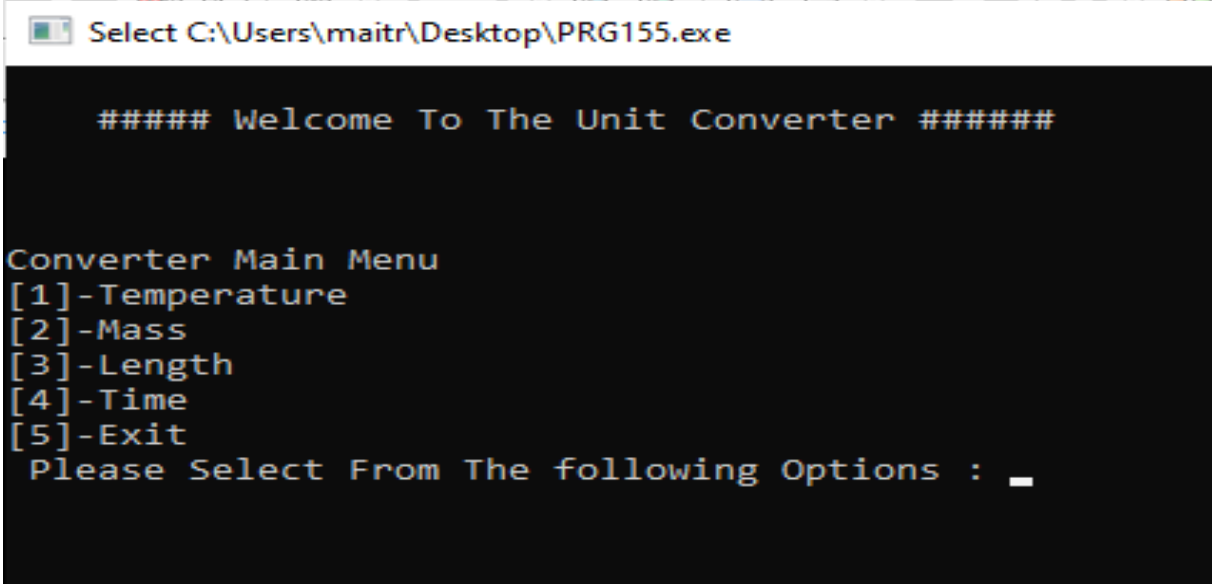
# Flow Chart





# OUTPUT

## Main Menu

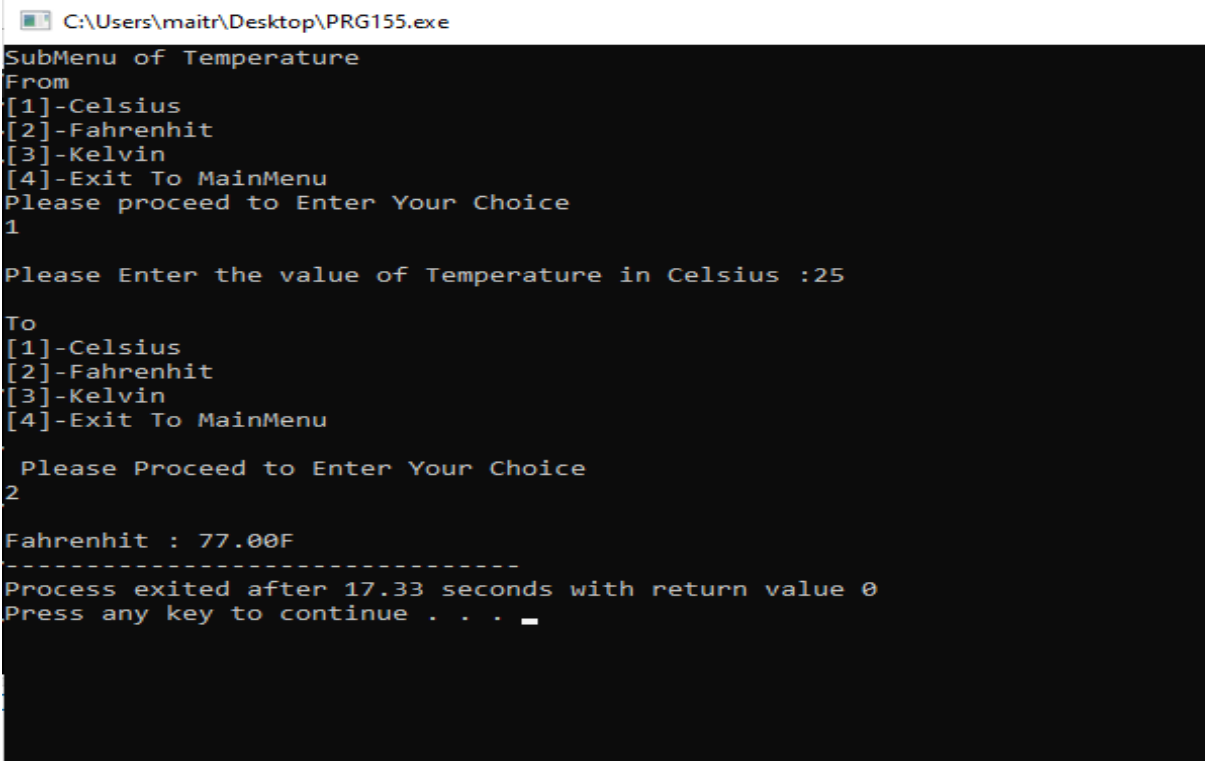


```
Select C:\Users\maitr\Desktop\PRG155.exe

##### Welcome To The Unit Converter #####

Converter Main Menu
[1]-Temperature
[2]-Mass
[3]-Length
[4]-Time
[5]-Exit
Please Select From The following Options : _
```

## Temperature



```
C:\Users\maitr\Desktop\PRG155.exe

SubMenu of Temperature
From
[1]-Celsius
[2]-Fahrenheit
[3]-Kelvin
[4]-Exit To MainMenu
Please proceed to Enter Your Choice
1

Please Enter the value of Temperature in Celsius :25

To
[1]-Celsius
[2]-Fahrenheit
[3]-Kelvin
[4]-Exit To MainMenu

Please Proceed to Enter Your Choice
2

Fahrenheit : 77.00F
-----
Process exited after 17.33 seconds with return value 0
Press any key to continue . . . _
```

## Mass

```
C:\Users\maitr\Desktop\PRG155.exe
SubMenu of Mass
From
[1]-Pound
[2]-Kilogram
[3]-Ounce
[4]-Exit To MainMenu
Please proceed to Enter Your Choice
1

Please Enter the value of Mass in Pound :10

To
[1]-Pound
[2]-Kilogram
[3]-Ounce
[4]-Exit To MainMenu

Please Proceed to Enter Your Choice
2

Kilogram : 4.54kg
-----
Process exited after 22.75 seconds with return value 0
Press any key to continue . . .
```

## Length

```
C:\Users\maitr\Desktop\PRG155.exe
SubMenu of Length
From
[1]-Miles
[2]-Kilometer
[3]-Feet
[4]-Exit To MainMenu
Please proceed to Enter Your Choice
1

Please Enter the value of Length in Miles :10

To
[1]-Miles
[2]-Kilometer
[3]-Feet
[4]-Exit To MainMenu

Please Proceed to Enter Your Choice
2

Kilometer : 16.09km
-----
Process exited after 18.15 seconds with return value 0
Press any key to continue . . .
```

## Time

```
C:\Users\maitr\Desktop\PRG155.exe
SubMenu of Time
From
[1]-Hours
[2]-Minutes
[3]-Seconds
[4]-Exit To MainMenu
Please proceed to Enter Your Choice
1

Please Enter the value of Time in Hours :1

To
[1]-Hours
[2]-Minutes
[3]-Seconds
[4]-Exit To MainMenu

Please Proceed to Enter Your Choice
2

Minutes : 60.00min

-----
Process exited after 14.17 seconds with return value 0
Press any key to continue . . .
```

# Unit converter

The units program converts quantities expressed in various systems of measurement to their equivalents in other systems of measurement. Like many similar programs, it can handle multiplicative scale changes. It can also handle nonlinear conversions such as Fahrenheit to Celsius;<sup>[1](#)</sup> see Temperature Conversions. The program can also perform conversions from and to sums of units, such as converting between meters and feet plus inches.