Pseudocode Pr <2>

1. Declare and initialize constant integer variables
    a. Temperature converter = 1
    b. Distance converter = 2
    c. Weight converter =3
    d. Quit = 4
    e. Assignment number = 2
2. Declare and initialize constant string variables
    a. Programmer name = Odalis Flores
    b. Due date = 10/14/2019
3. Declare integer variable
    a. number
4. Declare double variables
    a. fahrenheit
    b. celsius
    c. kilometer
    d. miles
    e. kilograms
    f. pounds
5. Declare string variable
    a. country name
6. Display "Enter a country name:"
7. Get country name from user
8. Display Converter tool kit Menu

```
"Converter Toolkit
-------------------
1. Temperature Converter
2. Distance Converter
3. Weight Converter
4. Quit"
```

9. Display message to user "Enter your choice (1-4):"
10. Get number from user
11. Switch statement begins, switch (number)
    a. Case temperature converter:
        i. Prompt user "Please enter temperature in Celsius (such as 24):
        ii. Get Celsius from user
        iii. Convert Celsius to Fahrenheit using expression Fahrenheit = (9/5)* Celsius +32
        iv. Display "It is (display Fahrenheit as a whole number) in Fahrenheit"
        v. break
    b. Case distance converter:
        i. prompt user "Please enter distance in Kilometer (such as 18.54):"
        ii. get kilometer from user
            1. if kilometer is greater than or equal to 0
                a. then convert kilometer to miles, using expression miles = kilometer * 0.6
                b. display "It is (miles displayed in two decimal places) in miles.
            2. Else
                a. Display "!!! Program does not convert negative distance !!!"
        iii. break

c. Case weight converter:
    i. Prompt user “Please enter weight in Kilograms (such as 16.365):”
    ii. Get kilograms from user
        1. If kilogram is greater than or equal to 0
            a. Convert kilogram to pounds, using expression pounds = kilograms * 2.2
            b. Display “It is (pounds shown to one decimal place) in pounds”
        2. Else
            a. Display “!!! Program does not convert negative distance !!!”
    iii. break
d. Case quit:
    i. Display “Program ended.”
    ii. Break
e. Default:
    i. Display “You have entered an invalid number, please close the window and run the program again”

12. Display “(country name) sounds fun!!’
13. Display “Thank you for testing my program!
    PROGRAMMER: (programmer name)
    CMSC 140 Common Project (assignment number)
    Due date : (due date)