

## Assignment 2

Due: September 11, 2019

For assignment 2 modify the program that you created for assignment 1 so that the user can now select if he/she would like to convert acres to square miles or square miles to acres. (There are 640 acres in 1 square mile.) Your program should then continue like the previous assignment asking for a number of acres or square miles doing the correct calculation and printing the result. Once the result has been printed your program should ask the user if they would like to do another calculation. Your program should loop until the user ends the program.

The number of square miles/acres should be displayed out to 3 decimal places.

## Example 1

```
>>would you like to calculate Acres (1) or Square Miles (2)
<<1
>>Please Enter the number of acres to determine the area in square Miles.
<< 7
>> 7 acres is equal to .010 square miles.
>>Would you like to do another calculation? (Enter 1 for yes and 0 for no)
<<1 (loop)
```

## Example 2

```
>>would you like to calculate Acres (1) or Square Miles (2)
<<2
>>Please Enter the number of square Miles to determine the area in acres.
<<11.25
>> 11.25 square miles is equal to 7200 acres.
>>Would you like to do another calculation? (Enter 1 for yes and 0 for no)
<<0
>>Goodbye!
```