

Problem 1: Write a function that takes in an integer, minutes, and converts it into seconds

```
In [2]: def minutes_to_seconds(integer):  
        #if statement to catch a string input  
        if type(integer) == str:  
            return 'please enter an integer'  
        else:  
            seconds = integer*60  
            return f"{integer} mins in seconds is {seconds} seconds"
```

```
In [3]: minutes_to_seconds('do')
```

```
Out[3]: 'please enter an integer'
```

```
In [4]: minutes_to_seconds(500)
```

```
Out[4]: '500 mins in seconds is 30000 seconds'
```

Problem 2: Write a function that takes two numbers as arguments and returns their sum.

```
In [5]: def summing (number1, number2):  
        if type(number1) == str or type(number2) == str:  
            return 'please enter a number'  
        else:  
            return number1+number2
```

```
In [6]: summing(2,5)
```

```
Out[6]: 7
```

```
In [7]: summing('red',3)
```

```
Out[7]: 'please enter a number'
```

Problem 3: Create a function that takes a string and returns the number (count) of vowels contained within it.

```
In [8]: def vowel_count (string):  
    try:  
        vowel_amt=[]  
        vowels=['a','e','i','o','u']  
        for c in string:  
            if c in vowels:  
                vowel_amt.append(c)  
        vol_len=len(vowel_amt)  
        return vol_len  
    except TypeError:  
        return 'please enter an iterable object'
```

```
In [9]: vowel_count('keggel')
```

Out[9]: 2

```
In [10]: print(vowel_count(9))
```

please enter an iterable object

Bonus Points (Optional) Create a function that takes a number as an argument and returns “Fizz”, “Buzz” or “FizzBuzz”.

```
In [11]: def choosey (number):  
    try:  
        if number %3==0:  
            return 'Fizz'  
        elif number % 5==0:  
            return 'Buzz'  
        elif number % 3==0 and number %5==0:  
            return 'fizzBuzz'  
        else:  
            return 'invalid number'  
    except TypeError:  
        return 'type an integer please'
```

```
In [12]: choosey(3764748)
```

Out[12]: 'Fizz'

```
In [13]: choosey('gydu')
```

Out[13]: 'type an integer please'