**Data Programming Section 002, Fall 2021**

**Exercise 1 - KEY**

1.

1)

Code: print("Total seconds in 42 minutes 42 seconds : ", 42\*60 + 42)

Answer: 2562

2)

Code: print("Total miles in 10 kilometers: ", 10/1.61)

Answer: 6.21

3)

Code:

miles = 10/1.61

seconds = 42\*60 + 42

hours = seconds/3600

print("Miles per minute: ", miles/minutes) #Ans = 0.1454

print("Miles per second: ", miles/second) #Ans = 0.0024

print("Miles per hour: ", miles/hours) #Ans = 8.7276

2.

1. print(“Programmming is fun”)

Error- SyntaxError: EOL while scanning string literal

Solution- close text with “

1. prin(“Python”)

Error- NameError: name 'prin' is not defined

Solution- write ‘print’

1. print(“Computer Science”)

Error- IndentationError: unexpected indent

Solution- Remove indentation before ‘print’

1. print(1/0)

Error- ZeroDivisionError: division by zero

Solution- We cannot divide by zero

1. print(1.0/0)

Error- ZeroDivisionError: float division by zero

Solution- We cannot divide by zero