Lab 1 Output

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09/24/2020

In this lab I’ve combined questions 1→5 that were in the Lab\_1\_python\_basics document into one script called: “lab1.py”. This script is a command line interface that accepts numbers 1→5 to execute the associated question. The output is ordered starting with the help message and then in order by questions 1→5.

**Part I Questions 1→5**

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| Lab 1 Part 1 by Colin Sather  -----------------------------  Type 1 to execute question 1.  Type 2 to execute question 2.  Type 3 to execute question 3.  Type 4 to execute question 4.  Type 5 to execute question 5.  Type 'exit' to quit the program. | Question 1 Print Statement 5 Times  Welcome to Data Mining and Knowledge Discovery  Welcome to Data Mining and Knowledge Discovery  Welcome to Data Mining and Knowledge Discovery  Welcome to Data Mining and Knowledge Discovery  Welcome to Data Mining and Knowledge Discovery |
| Question 2 Calculate (9.5\*4.5) - (2.5\*3)  0.8392857142857143 | Question 3 Feet to Meters Converter  Enter a number of feet to be converted into meters.  Input a measurement in feet: 6  6 feet  1.829 meters |
| Question 4 Minute Converter  Enter a number of minutes to be converted to number of years and days.  Input a number of minutes: 525600  years 1.0  days 365.0 | Question 5 BMI Calculator  Enter your weight in pounds: 140  Enter your height in feet, do not include inches: 6  Enter your height in inches, must be less than 12: 4  Your Height: 6 feet, 4 inches  Your weight: 140 lbs  Your BMI: 17  Your Weight Category: Underweight |