**Solve the following python Task**

**Question1:**

* Create the variable first name and your last name and Compare the length of your first name and your last name.
* Using the len() built-in function, find the length of your first name

**Question 2:**

Declare 5 as num\_one and 4 as num\_two

* Add num\_one and num\_two and assign the value to a variable total
* Subtract num\_two from num\_one and assign the value to a variable diff
* Multiply num\_two and num\_one and assign the value to a variable product
* Divide num\_one by num\_two and assign the value to a variable division
* Use modulus division to find num\_two divided by num\_one and assign the value to a variable remainder
* Calculate num\_one to the power of num\_two and assign the value to a variable exp
* Find floor division of num\_one by num\_two and assign the value to a variable floor\_division

**Question 3:**

* The radius of a circle is 30 meters.
* Calculate the area of a circle and assign the value to a variable name of area\_of\_circle
* Calculate the circumference of a circle and assign the value to a variable name of circum\_of\_circle
* Take radius as user input and calculate the area.

**Question 4:**

A grocery store sells a bag of ice for $1.25 and makes a 20% profit. If it sells 500 bags of ice, how much total profit does it make?

**Question 5:**

A travel company wants to fly a plane to the Bahamas. Flying the plane costs 5000 dollars. So far, 29 people have signed up for the trip. If the company charges 200 dollars per ticket, what is the profit made by the company? Create variables for each numeric quantity and use appropriate arithmetic operations.