Task of String :

Create a string x=”Hello World”and print length of string

* From that string extract first character
* Get the characters from index 2 to index 4
* Return the string without any whitespace at the beginning or the end
* Convert the value of txt to upper case.
* Convert the value of txt to lower case.

Write down you full name and store in one variable called "full\_name", also add your hobbies followed by name

* extract father's name and print
* extract surname and print
* extract all hobbies and print
* split hobbies and store in on list with varibale "hobby"
* extract 1st hobby from list and convert it into upper case and store in one variable "hobby\_1"

Task of Tuple :

Now you will use tuples on the same set of weights of a 4-membered family having weights

of 70, 80, 45 and 50 kg and do some operations on it to calculate the mean of the weights.

* Suddenly you realized that you had wrongly entered 45 and that should be 48. Could
* that be done after storing the given weights inside a tuple
* Since it cannot be done. Create a tuple with the correct weights. Name this new tuple
* weights\_new and perform the following operations on it.
* Calculate maximum and minimum weights using max() and min() functions respectively
* on the new tuple weights\_new. Save them to variables maximum and minimum
* Now calculate sum of weights using sum functions and save it to sum\_weights
* Save the mean of their weights to a variable mean\_new

Create a tuple as product and store name, size and price as Tshirt XL and 850 in it.

* Now extract size from product and store in size variable
* Now add Nike as brand in product and store in product1
* Print product1

Create a dictionary with keys brand model year and values Ford Mustang 1964

* + Change year from 1964 to 1970
  + Add a pair key value color: “red”
  + Remove model from dictionary