

Question: Develop a Python script that showcases the basics learned, demonstrating your understanding of Python programming

```
1 # Importing a pandas library
import pandas as pd
```

✓ Firstly I learned what is veritable in python

Python Variable

```
# creating a variable
```

```
Var1=('Hello world')
```

```
print('Hello world')
```

```
    Hello world
```

LIST

```
# create a list
Lst=['string']
```

HOW TO CREATE A LIST

```
Lst=['string','True','34']
```

MODIFY ELEMENT

```
#create a new list
```

```
lst2=['Aliyu','Hamza','Salisu','Lukhman']
```

```
print(lst2)
```

```
    ['Aliyu', 'Hamza', 'Salisu', 'Lukhman']
```

```
#insert in a list
lst2.insert(2,'Roni')
```

```
#Remove an element
lst2.remove('Hamza')
```

ADDING AN ELEMENT

```
lst2[0]='ARCZAHARADDEEN'
```

LEARNING STRINGS

```
# Comments
```

```
Var2= 'Learning'
```

```
Var3 = 'Learning introduction to python'
```

```
print(Var2)
```

```
    Learning
```

LEARNING CALCULATIONS USING PYTHON

```
# Get user input for length and width
```

```
length = float(input("Enter the length of the rectangle: "))
```

```
    Enter the length of the rectangle: 4
```

```
width = float(input("Enter the width of the rectangle: "))
```

```
    Enter the width of the rectangle: 2
```

```
# Calculate the area of the rectangle
area = length * width
```

```
# Display the result
```

```
print(f"The area of the rectangle with length {length} and width {width} is: {area}")
```

```
    The area of the rectangle with length 4.0 and width 2.0 is: 8.0
```

```
# Check if the area is greater than 10
```

```
print("This is a large rectangle!")
```

```
    This is a large rectangle!
```