

Python Loops – Exercise Set 4

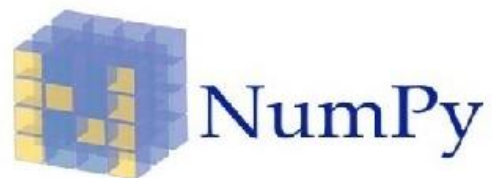
Vetrivel V

- Calculate the sum of first n natural numbers.
- Find all prime numbers between 1 to n .
- Get the number of voters (at least 6). Each voter should vote for one of the following choices.
 1. Cup
 2. Candle
 3. Chalk
 4. Pen
 5. PencilCount the number of votes for each choice and then print.
- Calculate the sum of entries of an $n \times n$ matrix without their diagonal and anti-diagonal entries.

- Calculate the sum of first n even natural numbers. Receive n as an input.
- Calculate the sum of first n natural numbers which are divisible by 7 but not divisible by 63.
- Calculate the sum of fourth power of first n natural numbers.
- If the user enters a non-negative number, ask for a positive number (Use while loop)
- Get an input of positive or negative integer until zero is given. Terminate the program when the input is zero. Find the minimum, maximum and average of all numbers fed as input (Use for loop and break statement).
- Calculate the factorial of a non-negative integer.



End of Python Loops



IP[y]:
IPython



pandas
 $y_{it} = \beta' x_{it} + \mu_i + \epsilon_{it}$

