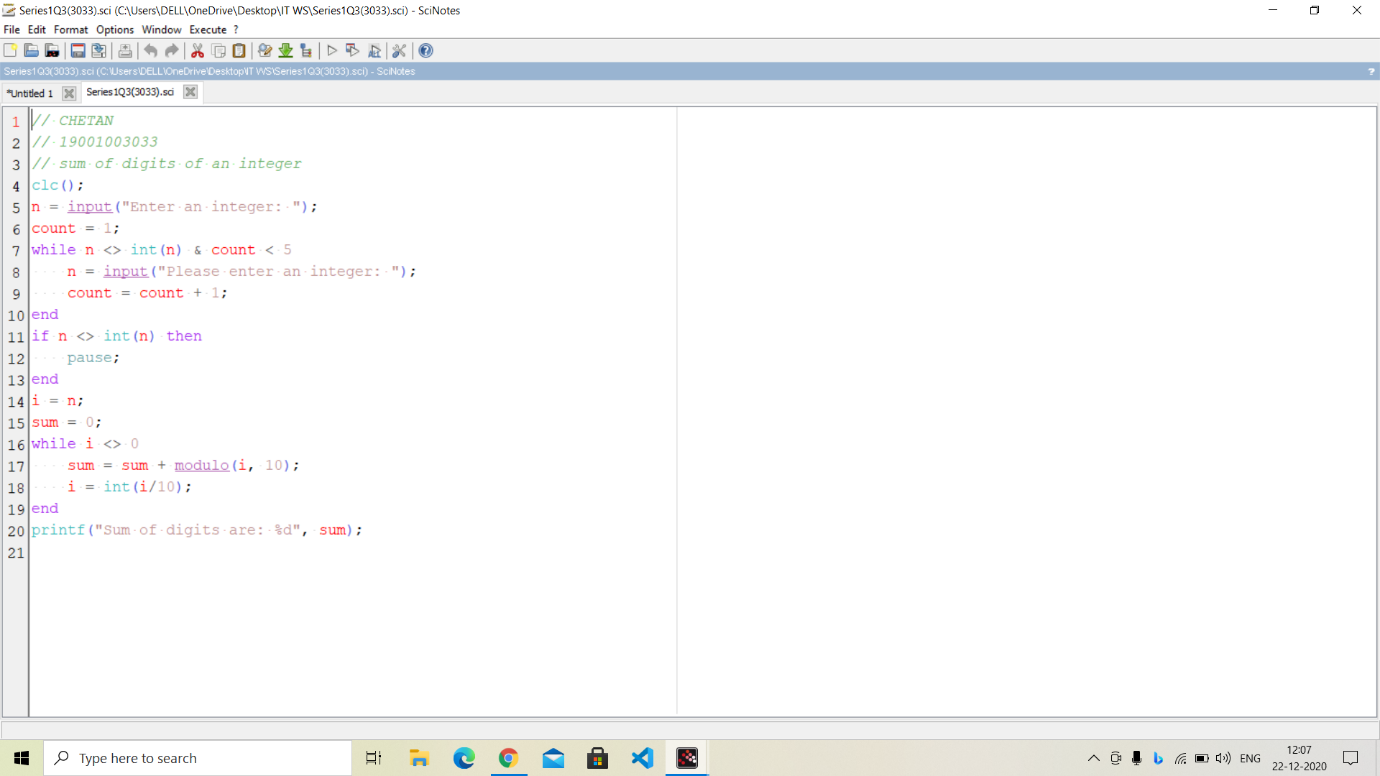
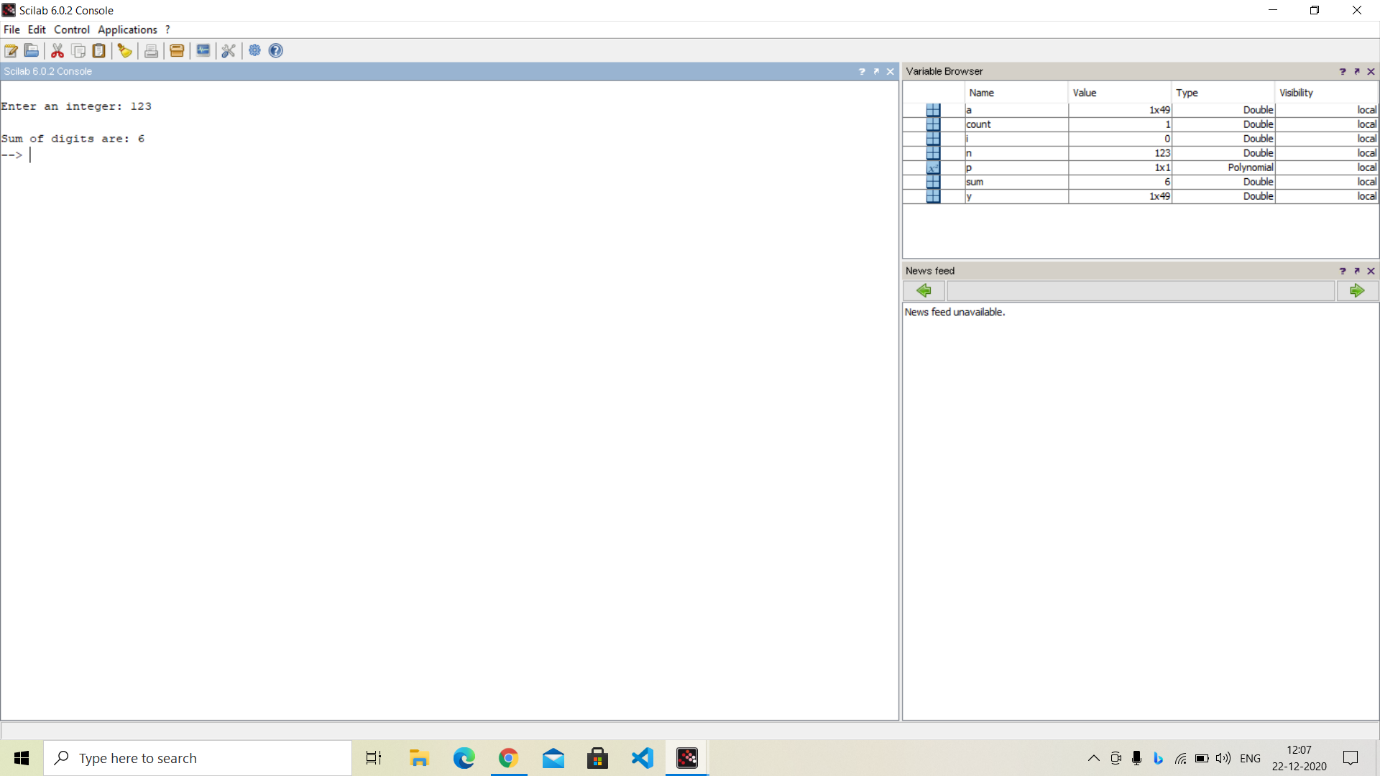
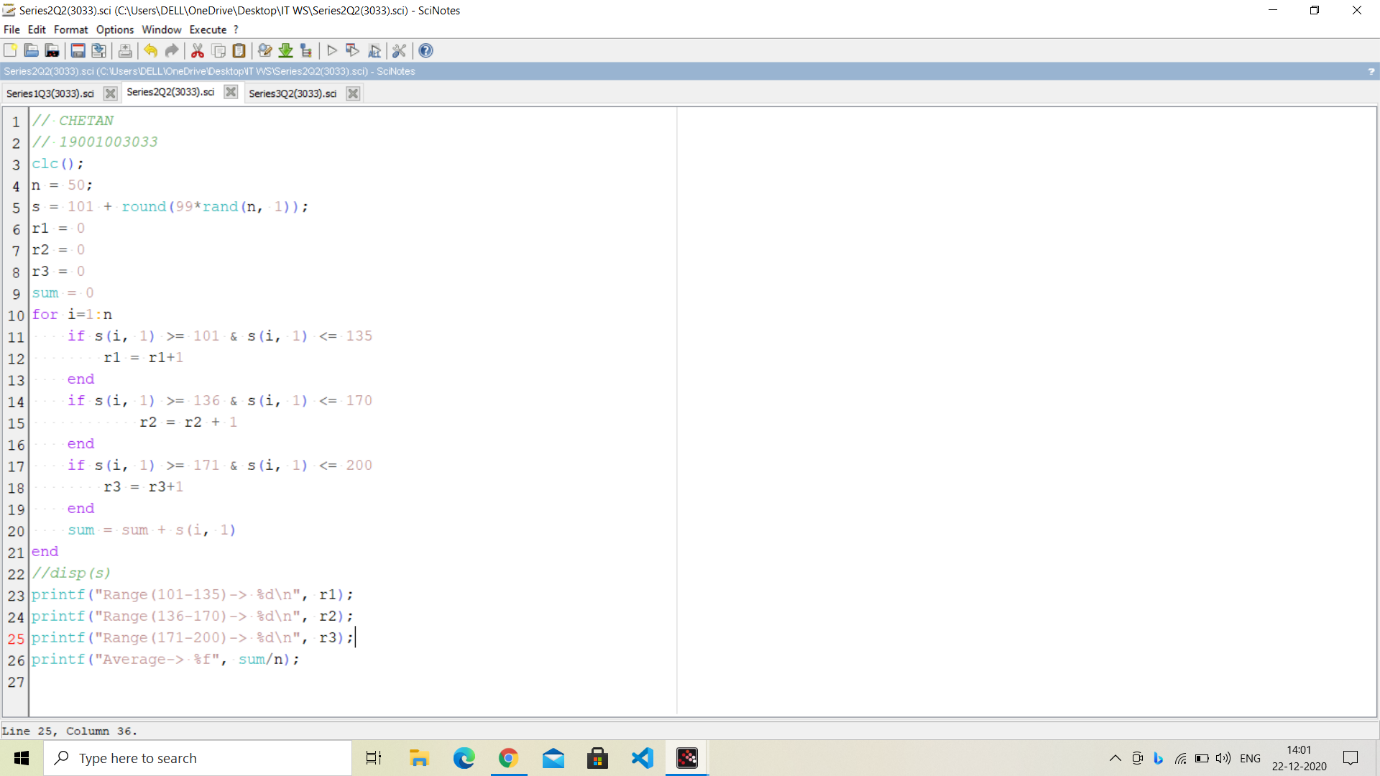
Q1 

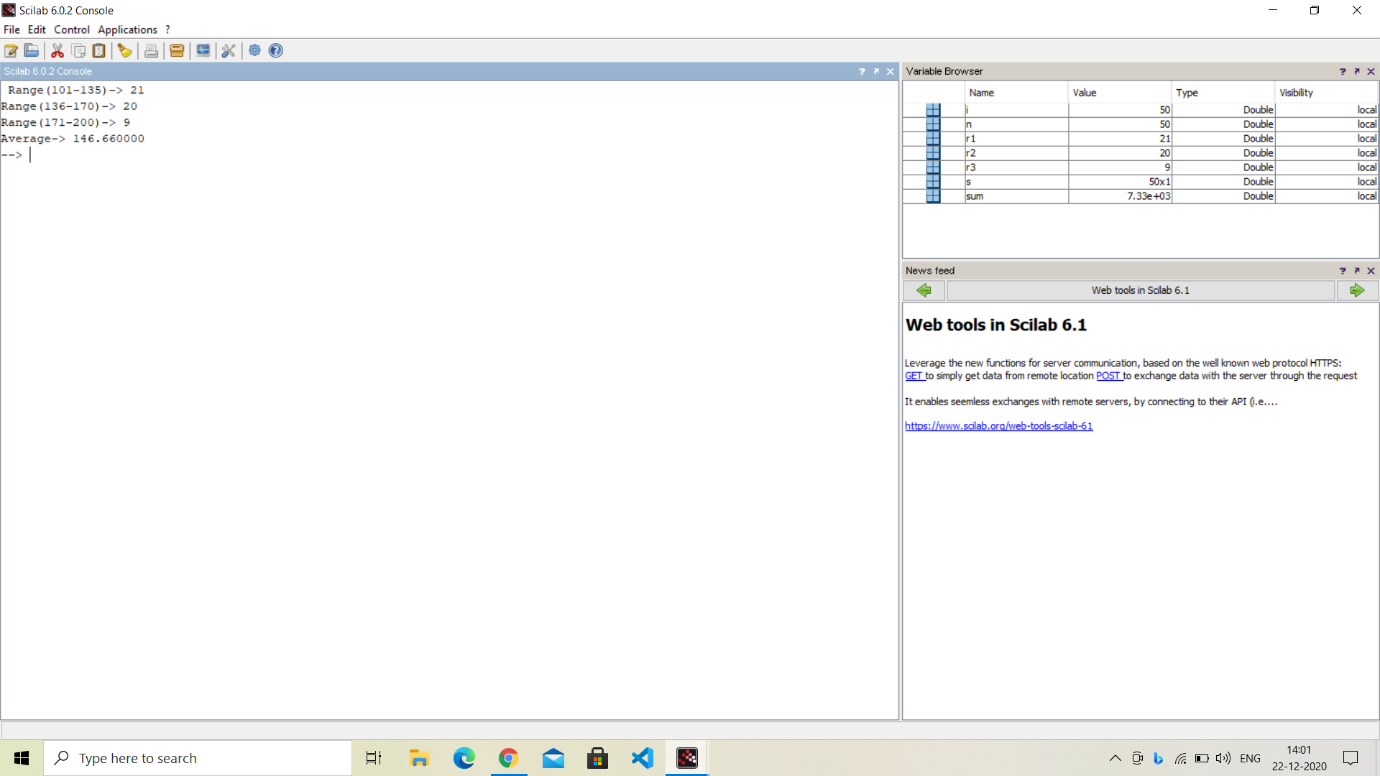
Output:



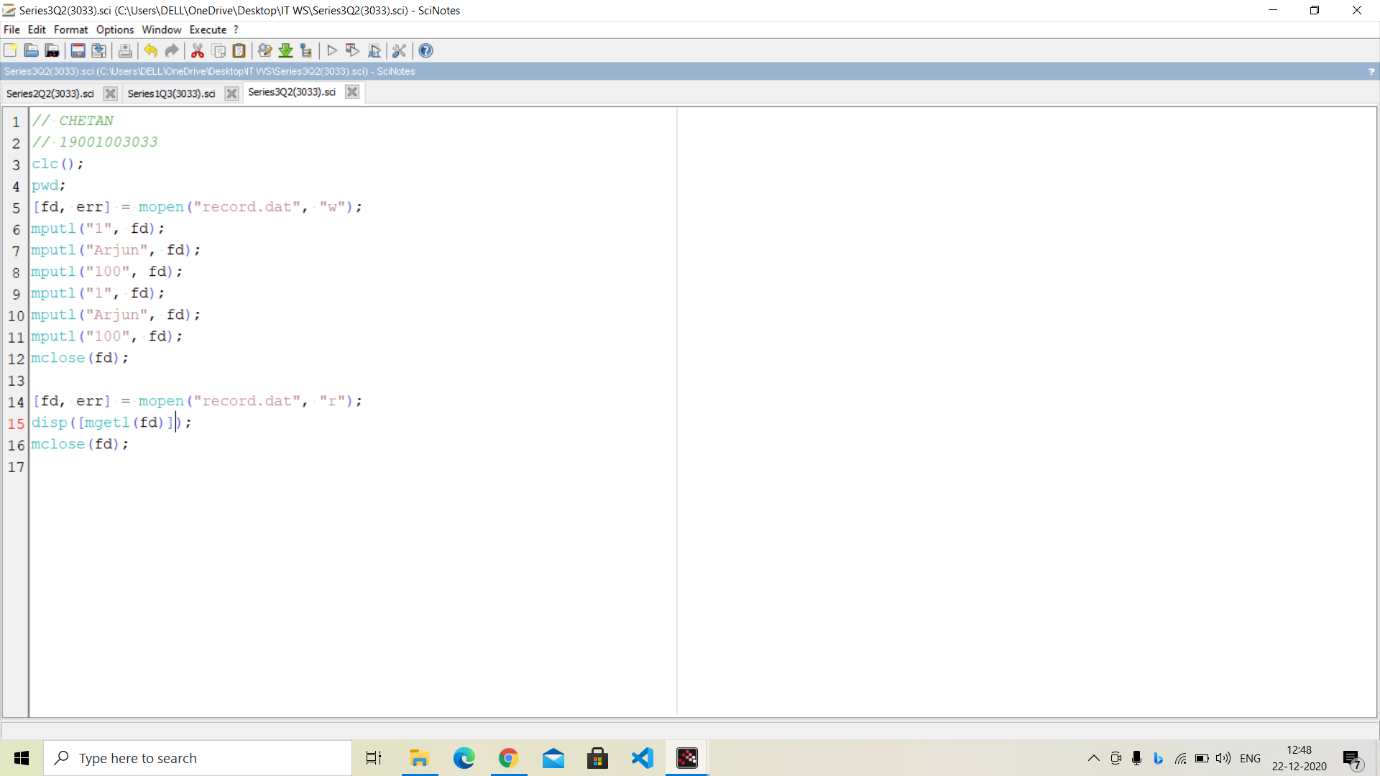
Q2:



Output:



Q3



Output:

