

Practical-2

Topics: if construct, while loop, for loop, command line arguments,

1. Develop a Python program to print odd numbers between n1 and n2. Input n1 and n2 from user. (Note: A. n1 may be greater than n2. B. Take negative numbers into consideration.
2. In above program 1, receive values of n1 and n2 from command line argument instead of taking them as an input from user.
3. Develop a Python program to receive a “valid” number from command line argument and check whether it is prime or not; do not use inbuilt functions for handling string/number for the same. Determine time elapsed for the process of checking primeness of the number.
4. Develop a Python program to print all prime numbers between two numbers n1 and n2 received from command line. (Note: A. n1 may be greater than n2. B. Program should handle negative numbers also). Determine time elapsed.
5. Develop a Python program to print all permutations of individual characters of a command line argument string.
6. Develop a Python program to calculate average, max, min of all valid numbers received from command line.
7. Develop a Python program to demonstrate usage of the keywords: else, break, continue
8. Develop a Python program to handle multiple sequences (list, list or list, tuple) using single for loop.