
Experiment 1

Write some simple programs in Java such as: i) To find factorial of number. ii) To display first 50 prime numbers. iii) To find sum and average of N numbers

```
1  import java.util.Scanner;
2
3  public class Prime_Num {
4
5      public static void main(String[] args) {
6          int i = 2;
7
8          while (i < 50) {
9              boolean isPrime = true;
10
11              for (int j = 2; j <= i / 2; j++) {
12                  if (i % j == 0) {
13                      isPrime = false;
14                      break;
15                  }
16              }
17              if (isPrime) {
18                  System.out.print("  "+ i);
19              }
20              i++;
21          }
22      }
23  }
24
25  Output:
26
27      2  3  5  7  11  13  17  19  23  29  31  37  41  43  47
```