

```

s4csbs@rajagiri-OptiPlex-5090:~/Desktop/OS LAB$ ./052to100.sh .out
Numbers from 1 to 100:
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53
54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
s4csbs@rajagiri-OptiPlex-5090:~/Desktop/OS LAB$ ./052factorial.sh
Enter a number:
5
The factorial is: 120
s4csbs@rajagiri-OptiPlex-5090:~/Desktop/OS LAB$ ./052factorial.sh
Enter a number:
4
The factorial is: 24
s4csbs@rajagiri-OptiPlex-5090:~/Desktop/OS LAB$ ./052sumofDigits.sh
Enter a number:
123
Sum of digits are: 6
s4csbs@rajagiri-OptiPlex-5090:~/Desktop/OS LAB$ ./052sumofDigits.sh
Enter a number:
1234
Sum of digits are: 10

```

sort.txt		
Size	Bubble Sort	Quick Sort
10	0.000002	0.000001
100	0.000020	0.000006
1000	0.001372	0.000066
10000	0.183907	0.001843
100000	22.310091	0.140939

