Practice 5 - Loop

Note: Some of these tasks may be already shared so simply ignore, if you already did them.

Task 1. Write even numbers less than 100 in a single line
Task 2. Input starting and ending number from user. Print numbers between them:
Sample Runs:

```
Starting Number: 2
Ending Number: 6
2 3 4 5 6
```

Task 3. Input 5 numbers from user and print their sum?
Sample Runs:

```
Enter number: 2
Enter number: 3
Enter number: 1
Enter number: 5
Enter number: 6
Sum: 17
```

Task 4. Input 5 numbers from user and print maximum number?
Sample Runs:

```
Enter number: 2
Enter number: 3
Enter number: 1
Enter number: 6
Enter number: 5
Max number: 6
```

Task 5. Print odd numbers from 49 to 1?

Task 6: Run loop 10 times. Generate two random numbers. Check & Print first random number is larger or second random number is larger.
Task 7: Run loop 10 times. Generate three random numbers. In first line, print them as generated. In next line, print them, in ascending order. You may use any method to arrange them.
Task 8: Run loop 10 times. Generate random number in range 1 to 100. Print each number in digits as well as in words. You may use any number of checks less than 50.
Task 9: Run loop 10 times. Generate capital alphabet at random. Check and print, whether alphabet is vowel or consonant.
Note: If alphabet is not vowel, it is consonant.

Task 10: Run loop 10 times. Generate random number. Print number. Compute and print sum of even numbers and sum of odd numbers.

Task 11: File 'nums.txt' has 10000 integers. Read integers and find their average. Your answer should be:

```
Average: 4.9937
```

Task 12: File 'nums.txt' has 10000 integers. Read integers. Count and print occurrences of integers 1 to 9. Your answer should be:

```
Count of 1: 1141
Count of 2: 1126
Count of 3: 1088
Count of 4: 1115
Count of 5: 1066
Count of 6: 1142
Count of 7: 1068
Count of 8: 1124
Count of 9: 1130
```

Task 13: Repeat previous task and write count into another file name 'counts.txt'. File should contain counts only, no other text like:

1141
1126

Task 14: Read file 'counts.txt'. Read counts and add them to check whether it is equal to 10000