

ASSIGNMENT LIST ITERATION

Q1. Create a list of your own. Print the total count of all odd numbers.

```
# Example
my_list = [4, 8, 6, 5, 3, 12, 1, 3]


# Output
Total odd numbers = 4
```

Q2. Create a list of your own. Print the total count of all odd and even numbers.

```
# Example
my_list = [4, 8, 6, 5, 3, 12, 1, 3, 6]

# Output
Total even numbers = 5
Total odd numbers = 4
```


Q3. Create a list of your own. Print the prime numbers in that list.



```
# Example
my_list = [4, 8, 6, 5, 3, 12, 1, 7, 6, 2]

# Output
5 3 1 7 2
```


Q4. Create a list of your own. Print the sum of all the prime numbers in that list.



```
# Example
my_list = [4, 8, 6, 5, 3, 12, 1, 7, 6, 2]

# Output
Total of all prime numbers = 18
```

Q5. Create a list of your own. Print the sum and product of all the elements in that list.



```
# Example
my_list = [4, 8, 6, 5, 3, 12, 1, 7, 6, 2]

# Output
Total sum = 54
Total product = 2903040
```

Q6. Create a list of your own. Print all the numbers divisible by 5 but in reverse order.

```
# Example
my_list = [5, 8, 10, 15, 2, 4, 95, 34, 25]

# Output
25 95 15 10 5
```

Q7. Create a list of your own. Find the maximum number present in that list. Do not use **max** function directly. List may contain both positive and negative integers. **(Yet to be taught, give it a try).**

```
# Example
my_list = [5, -8, 10, -15, 2, -4, 95, -34, 25]

# Output
Maximum number = 95
```

Q8. Create a list of your own. Find the minimum number present in that list. Do not use **min** function directly. List may contain both positive and negative integers. **(Yet to be taught, give it a try).**

```
# Example
my_list = [5, -8, 10, -15, 2, -4, 95, -34, 25]

# Output
Minimum number = -34
```

Q9. Create a list of your own. Print the largest prime numbers in that list.



```
# Example
```

```
my_list = [4, 8, 6, 19, 3, 12, 1, 7, 6, 2]
```

```
# Output
```

```
Largest prime number = 19
```