

Name: Shoonlae Aung

Lesson 4 – Looping

1. Create a list that holds 5 data variables.

```
favorite_books = "The Fault in Our Stars", "Fangirl", "Eleanor & Park", "The  
Great Gatsby", "Moby Dick"
```

2. Print out those variables by using a for loop.

```
favorite_books = "The Fault in Our Stars", "Fangirl", "Eleanor & Park", "The  
Great Gatsby", "Moby Dick"  
  
for books in favorite_books:  
  
    print(books)
```

3. Modify your for loop to add a message to your for loop.

```
favorite_books = "The Fault in Our Stars", "Fangirl", "Eleanor & Park", "The  
Great Gatsby", "Moby Dick"  
  
for books in favorite_books:  
  
    print(books.title() + ", is one of my favorite books!")
```

4. Use a for loop to print even numbers from 1-20.

```
for numbers in range(0, 2, 4):  
  
    print(numbers)
```

5. Sort your list in alphabetic order.

```
favorite_books = "The Fault in Our Stars", "Fangirl", "Eleanor & Park", "The  
Great Gatsby", "Moby Dick"  
print(sorted(favorite_books))
```

6. Print out the first three elements of your list.

```
favorite_books = "The Fault in Our Stars", "Fangirl", "Eleanor & Park", "The  
Great Gatsby", "Moby Dick"  
  
print(favorite_books[:3])
```

7. Create a loop to print the last 2 elements of your list.

```
favorite_books = "The Fault in Our Stars","Fangirl","Eleanor & Park","The  
Great Gatsby","Moby Dick"  
  
print(favorite_books[-2:])
```