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Lesson 4 – Looping

1. Create a list that holds 5 data variables.

```
foods=['pizza', 'pasta', 'burger', 'french fries', 'shake']
```

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

```
foods=['pizza', 'pasta', 'burger', 'french fries', 'shake']
for x in foods:
    print(x)
```

```
pizza
pasta
burger
french fries
shake
```

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

```
foods=['pizza', 'pasta', 'burger', 'french fries', 'shake']
for x in foods:
    print(x.title() + " is one of my favorites foods")
```

```
Pizza is one of my favorites foods
Pasta is one of my favorites foods
Burger is one of my favorites foods
French Fries is one of my favorites foods
Shake is one of my favorites foods
```

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

```python
for num in range(1,21):
    if(num%2==0):
        print(num)
```

```
2
4
6
8
10
12
14
16
18
20
```

5. Sort your list in alphabetic order.

```python
foods=['pizza', 'pasta', 'burger', 'french fries', 'shake']

for x in sorted(foods):
    print(x)
```

```
burger
french fries
pasta
pizza
shake
```

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

```
foods=['pizza', 'pasta', 'burger', 'french fries', 'shake']
print(foods)
print(foods[0:3])
```

```
['pizza', 'pasta', 'burger', 'french fries', 'shake']
['pizza', 'pasta', 'burger']
```

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