```python
# create a list with three food
food = ['pizza', 'pasta', 'salad']
# print the entire list
print(food)
#print each item separately
print(food[0])
print(food[1])
print(food[2])
```

✓ 0.0s

```
['pizza', 'pasta', 'salad']
pizza
pasta
salad
```

```python
#list with names
names = ['Alice', 'Bob', 'Charlie']
names[0] = "Hassan" #change the first name
print(names)
```

✓ 0.0s Open 'names' in Data Wrangler

```
['Hassan', 'Bob', 'Charlie']
```

```python
#list with 6 food
food = ['pizza', 'pasta', 'salad', 'burger', 'sushi', 'taco']
food.remove('sushi') #remove sushi from the list
print(food)
```

✓ 0.0s Open 'food' in Data Wrangler

```
['pizza', 'pasta', 'salad', 'burger', 'taco']
```

```python
cities = ['New York', 'Los Angeles', 'Chicago', 'Houston']
cities.sort()   #sort the list in alphabetical order
print(cities)
cities.reverse() #reverse the order of the list
print(cities)
```

✓ 0.0s Open 'cities' in Data Wrangler Python

```
['Chicago', 'Houston', 'Los Angeles', 'New York']
['New York', 'Los Angeles', 'Houston', 'Chicago']
```

```python
#list with three animals
animals = ['cat', 'dog', 'rabbit']
for animal in animals:  #loop through the list and print each animal
    print(animal)
```

✓ 0.0s Python

```
cat
dog
rabbit
```

```python
# comprehension to multiply by 2
numbers = [x * 2 for x in range(1, 7)]
print(numbers)
```

✓ 0.0s Open 'numbers' in Data Wrangler

```
[2, 4, 6, 8, 10, 12]
```

```python
# use range to create a list of numbers from 1 to 10
numbers = list(range(1, 11))
print(numbers)
```

✓ 0.0s Open 'numbers' in Data Wrangler

```
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
```


```python
# use range to create a list of numbers from 1 to 10
numbers = list(range(1, 11))
print(numbers)
```

✓ 0.0s Open 'numbers' in Data Wrangler

```
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
```


```python
squares = [x**2 for x in range(1, 6)]
print(squares)
```

✓ 0.0s Open 'squares' in Data Wrangler

```
[1, 4, 9, 16, 25]
```