

```
my_list = ["apple", "banana", "cherry"]
for item in my_list:
    print(item)
```

1.

>>> _____


```
numbers = [1, 4, 2, 5, 7]
total = 0
for num in numbers:
    total += num
print("The total is:", total)
```

2.

>>> _____

```
numbers = [12, 45, 3, 89, 21]
largest = 0
for num in numbers:
    if num > largest:
        largest = num

print("The largest number is", largest)
```

3.

>>> _____



```
numbers = [1, 4, 2, 9, 7, 6]
even_count, odd_count = 0, 0
for num in numbers:
    if num % 2 == 0:
        even_count += 1
    else:
        odd_count += 1
# print the odd and even numbers
# stating how many there are of each
```

4.

print(f"_____")

```
numbers = [2, 4, 6, 8]
squares = []
for num in numbers:
    square = num * num
    squares.append(square)
print("Squares:", squares)
```

5.

>>> _____

```
list1 = [1, 2, 3]
list2 = [4, 5, 6]
combined_list = []
for i in range(len(list1)):
    combined_list.append(list1[i])
    combined_list.append(list2[i])
print("Combined list:", combined_list)
```

6.

>>> _____

```
list1 = ["cq", "ow", "de", "ig", "nr", "gt"]
text = ""
for i in range(len(list1)):
    text += list1[i][0]
print(f"Text is {text}")
```

7.

>>> _____

```
list1 = ["cp", "ou", "d ", "is", "ni", "g "]
text = ""
for i in range(0, len(list1)):
    text += list1[i][0]
for i in reversed(range(0, len(list1))):
    text += list1[i][1]
print(f"text is {text}")
```

8.

>>> _____

```
my_list = ["z", "e", "f", "e", "d", "o", "c"]
text = ""
for item in my_list[::-1]:
    text += item
print(f"Text is {text}")
```

9.

>>> _____