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String Examples

Program:

1. `txt = "Hello World"`
`x=txt[-8:11]`
`print(x)`
2. `txt1=" Hello World "`
`x=txt.strip()`
`print(x)`
3. `x1=txt.upper()`
`print(x1)`
4. `x2=x1.lower()`
`print(x2)`
5. `x3=x2.replace("h","j")`
`print(x3)`

Output:

1. lo World
2. Hello World
3. HELLO WORLD
4. hello world
5. jello world

Program:

1. **#list**
`fruits = ["apple", "banana", "cherry"]`
`print(fruits[1])`
`print(fruits[0])`
`print(fruits[:])`
2. **#Change the value from "apple" to "kiwi", in the fruits list.**
`fruits[0]="kiwi"`
`print(fruits[0])`
3. **#append orange in the list**
`fruits.append("orange")`
`print(fruits[0:])`
4. **#Use the insert method to add "lemon" as the second item in the fruits list.**
`fruits.insert(1,"lemmon")`
`print(fruits[:])`
5. **#Use the remove method to remove "banana" from the fruits list.**
`fruits.remove("banana")`
`print(fruits[:])`



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6. #negative indexing

```
print(fruits[-1])
```

7. #Use a range of indexes to print the third, fourth, and fifth item in the list.

```
print(fruits[2:5])
```

8. #Use the correct syntax to print the number of items in the list.

```
print(len(fruits))
```

Output:

1. banana
apple
['apple', 'banana', 'cherry']
2. kiwi
3. ['kiwi', 'banana', 'cherry', 'orange']
4. ['kiwi', 'lemmon', 'banana', 'cherry', 'orange']
5. ['kiwi', 'lemmon', 'cherry', 'orange']
6. orange
7. ['cherry', 'orange']
8. 4

Program:

1. #set

```
fruits = ["apple", "banana", "cherry"]  
print(fruits)
```

2. #add more fruits

```
fruits = {"apple", "banana", "cherry"}  
more_fruits = ["orange", "mango", "grapes"]  
fruits.update(more_fruits)  
print(fruits)
```

3. fruits.discard("banana")
print(fruits)

output:

1. ['apple', 'banana', 'cherry']
2. {'mango', 'orange', 'banana', 'grapes', 'apple', 'cherry'}
3. {'mango', 'orange', 'grapes', 'apple', 'cherry'}



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