

```
print "list1[0]: ", list1[0]
print "list2[1:5]: ", list2[1:5]
```

When the above code is executed, it produces the following result:

```
list1[0]:  physics
list2[1:5]:  [2, 3, 4, 5]
```

## Updating Lists

You can update single or multiple elements of lists by giving the slice on the left-hand side of the assignment operator, and you can add to elements in a list with the `append()` method. For example:

```
#!/usr/bin/python

list = ['physics', 'chemistry', 1997, 2000];

print "Value available at index 2 : "
print list[2];
list[2] = 2001;
print "New value available at index 2 : "
print list[2];
```

**Note:** `append()` method is discussed in subsequent section.

When the above code is executed, it produces the following result:

```
Value available at index 2 :
1997
New value available at index 2 :
2001
```