Lab 2

(Prof. Carlos J. Costa)

1) Construct a list (shoppingList) including 'potatoes', 'carrots', 'cod' and 'sprouts'

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In [1]:   #Code here
```

2) Get the second and the last element of the list

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In [2]:   #Code here
```

3) Iterate though the list

```
In [3]:   #Code here
```

4) Create a new list (studentList)

```
In [4]:   #Code here
```

5) Add the follwoing elements to the shoppingList: orange and lime

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In [5]:   #Code here
```

6) Remove the carrots, the first element and last element of the shoppingList list

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In [6]:   #Code here
```

7) Delete the shoppingList list

```
In [7]:   #Code here
```

8) Create a list with the double values of all integer number between 1 and 15.

```
In [8]:   #Code here
```

9) Obtain the first 3 elements of the list

```
In [9]:   #Code here
```

```
In [10]:   #Code here
```

10) What is the result of, Why?

shopping = shoppingList

shoppingListCopy = shoppingList[:]

print(shopping)

```
In [11]:  #Code here
```

12) What is the result of, Why?

shopping = shoppingList

shoppingList.append("orange")

print(shopping)

```
In [12]:  #Code here
```

13) Remove all the items from the shoppingList

```
In [13]:  #Code here
```

14) What is the result of, Why?

newPurchases= ("bananas", "beans", "rice")

print (newPurchases [1])

newPurchases [0] = "apple"

```
In [14]:  #Code here
```

15) Create a dictionary including the follwoing elements: orange, apple, pear, grape and peach. Key are 1 to 5. Iterate through key-value pair.

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In [15]:  #Code here
```

16) Create a weekList that is composed of several lists, each one corresponding to a day.

```
In [16]:  #Code here
```