**Question:-1**

**List:**

List in python will stores the inserted order.

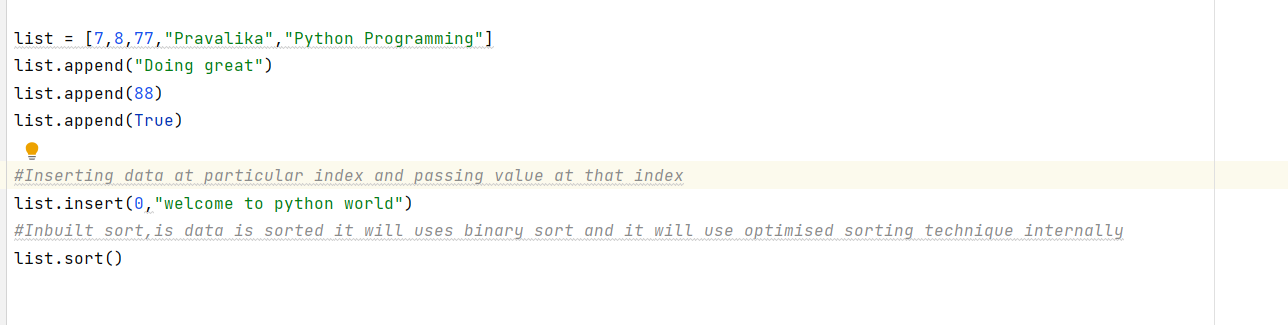
It will store heterogeneous data, it does not consider any data type we have given

Some of the inbuilt functions of list

**A screenshot of a computer program

Description automatically generated**

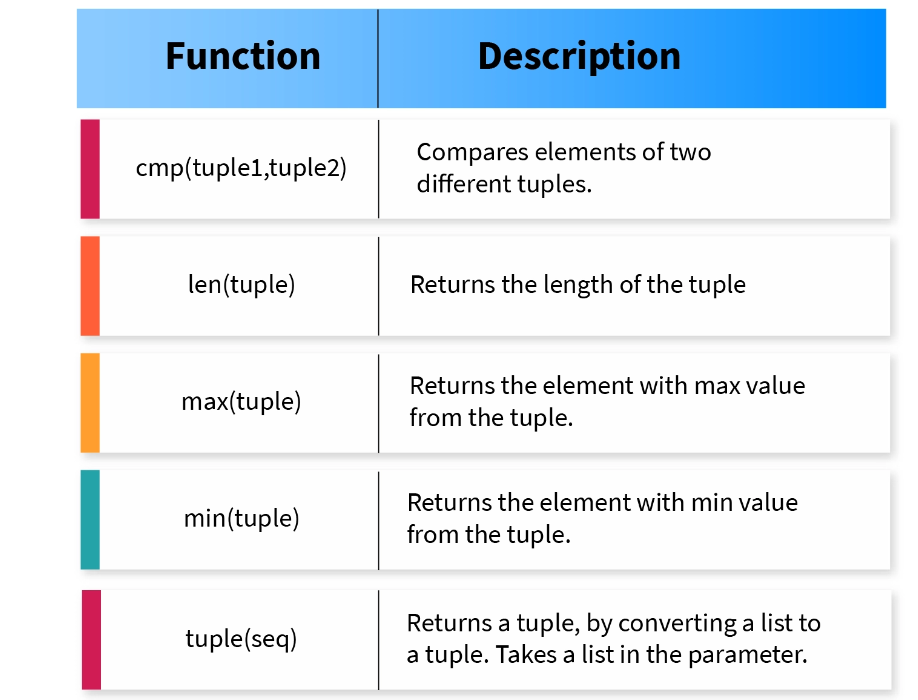
**Source :Official Python documentation,**

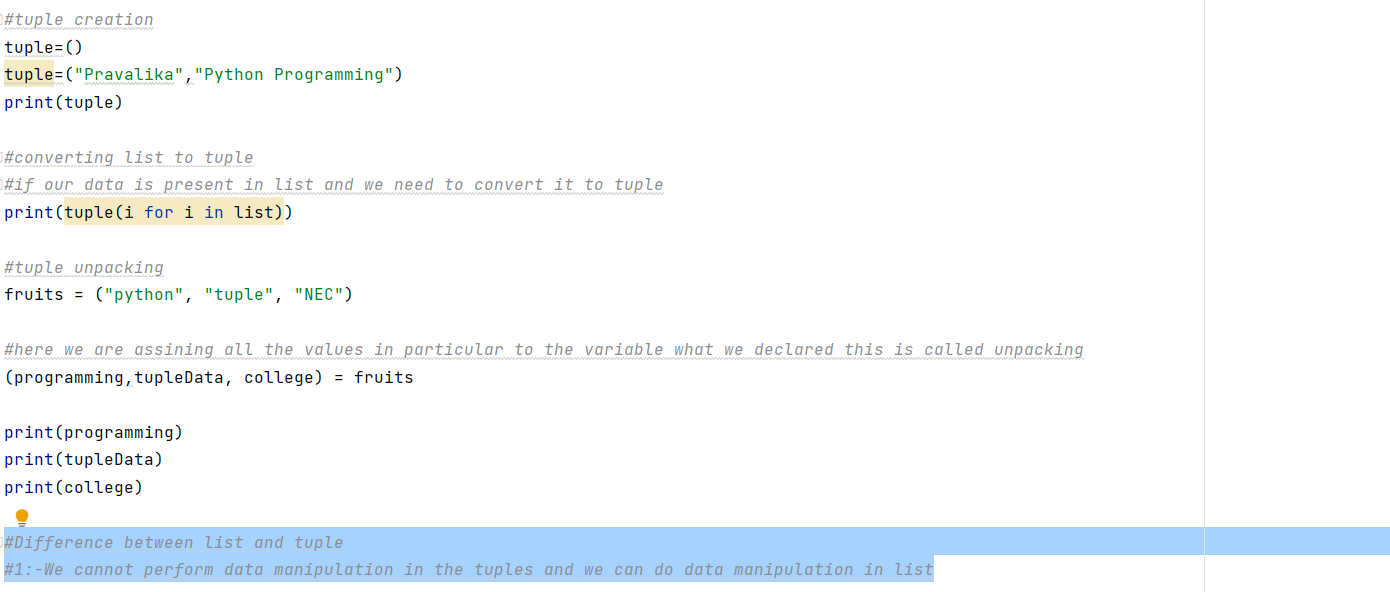
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**Question:2**

**Tuple:-**

Tuple creation:-

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**Question:3**

**While loops:-**

**When to use:-**If we don’t know how many iteration we need to do to get required solution

**How to use:**-Here we know about the condition, so we will repeat the process until condition statement is failed

A computer screen with text

Description automatically generated

Below code snippet says, While condition will be exited will user statement is true and used break key word

A screen shot of a computer code

Description automatically generated

**Question:4**

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For data in list:

Print(data)

This will iterate the each data record in the list until it reaches the list

**Question:5**

**Dictionary/HashMap:-**

**What is dictonary:**

**A screenshot of a computer

Description automatically generated**

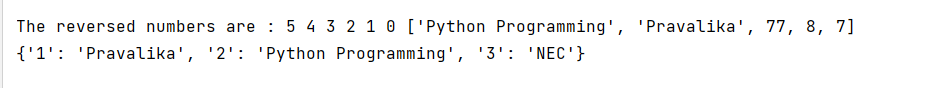
**A screenshot of a dictionary

Description automatically generated**

**Basic Operation on Dictionary:-**

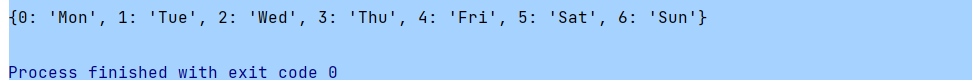
**A computer screen shot of a computer code

Description automatically generated**

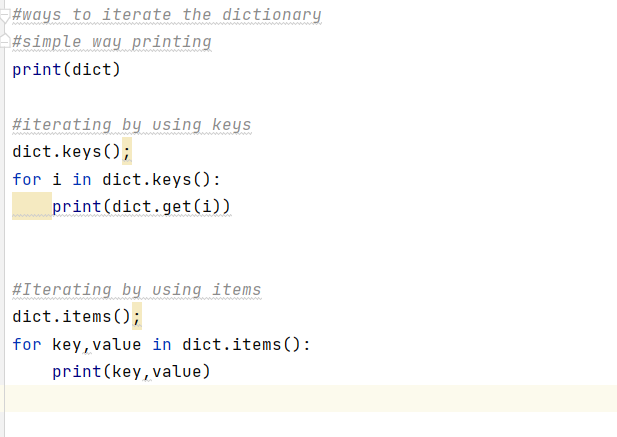
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**Iteration of dictionary**

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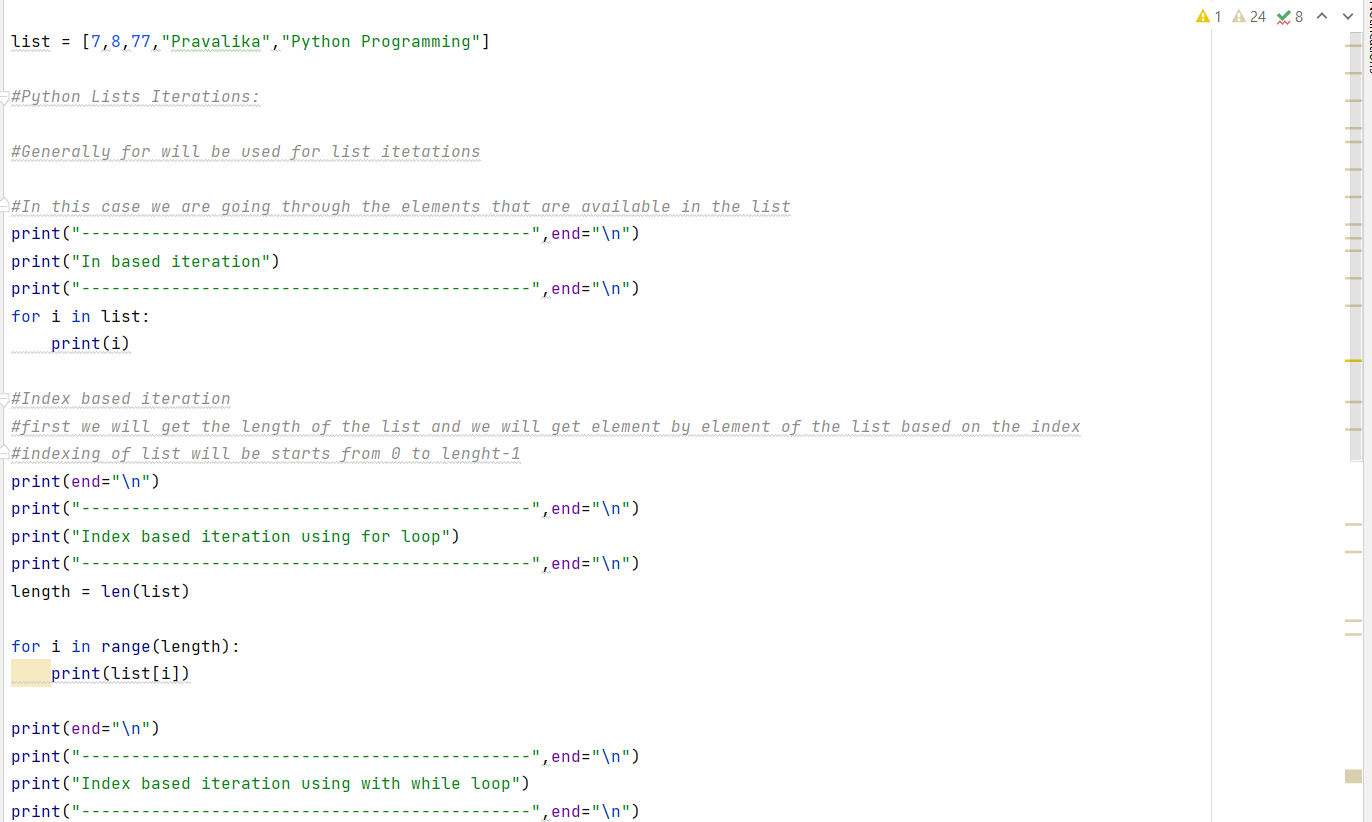
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Description automatically generated with medium confidence**

**Question:6**

**List/tuple Iterations:-**

**Explanation is given with comments .**

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**A screenshot of a computer

Description automatically generated**

**Outputs for ListItreations**

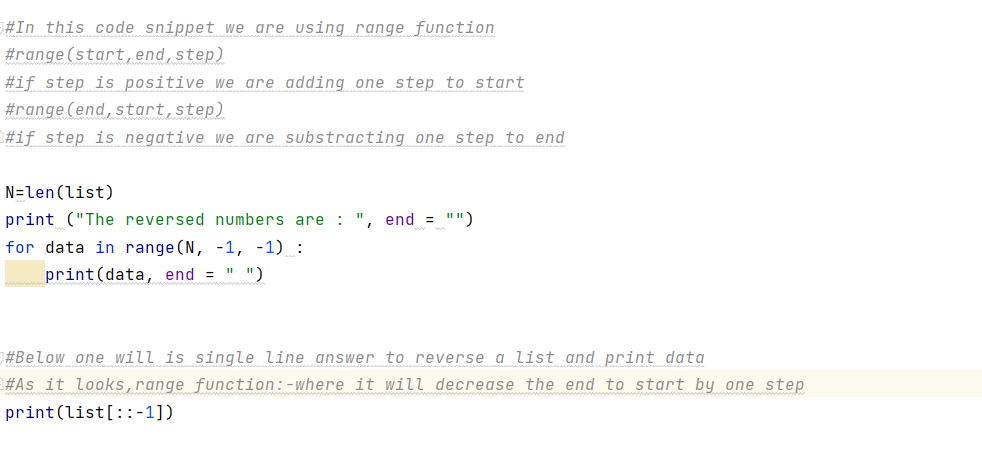
**A blue screen with black text

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Description automatically generated with medium confidence**

**Backward Iteration of List:-**



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