**List:-**

List in python will stores the inserted order.

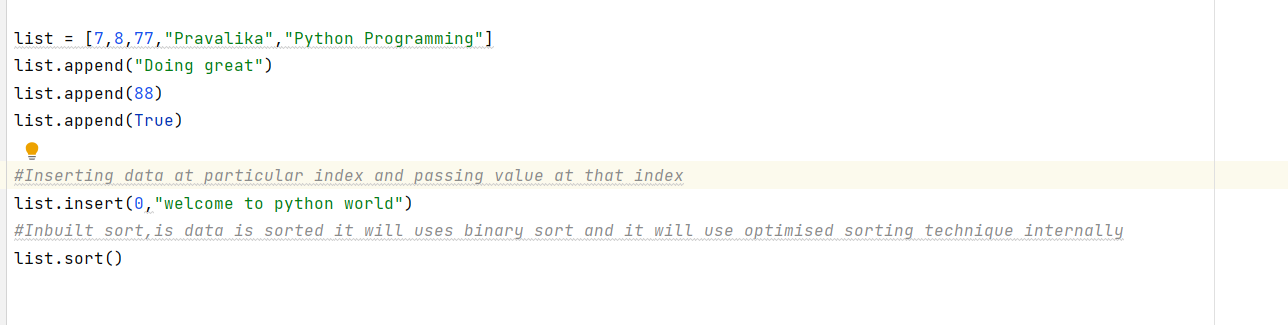
It will store heterogeneous data, it does not consider any data type we have given

Some of the inbuilt functions of list

**A screenshot of a computer program

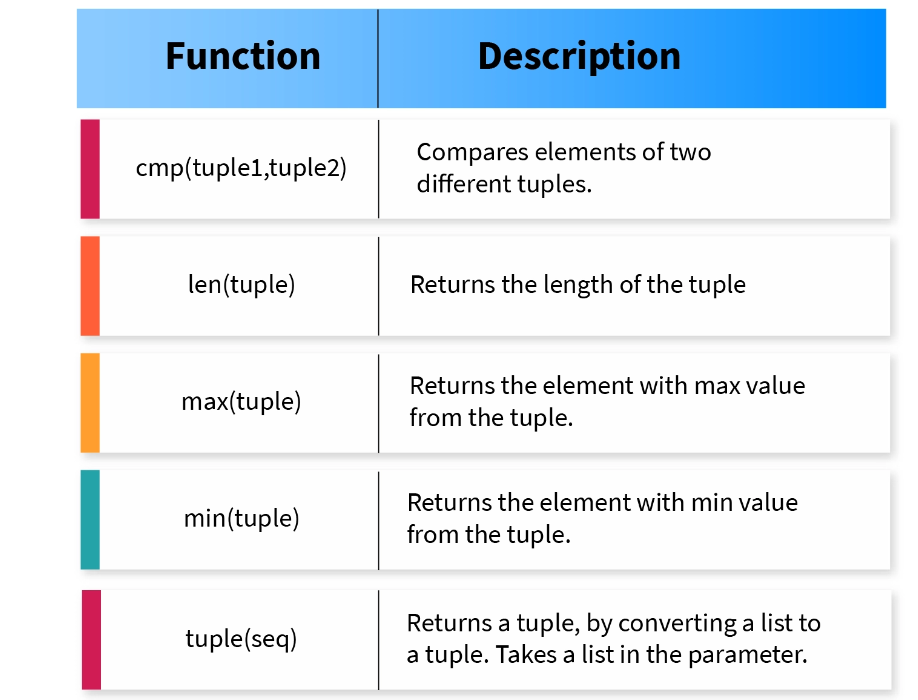
Description automatically generated**

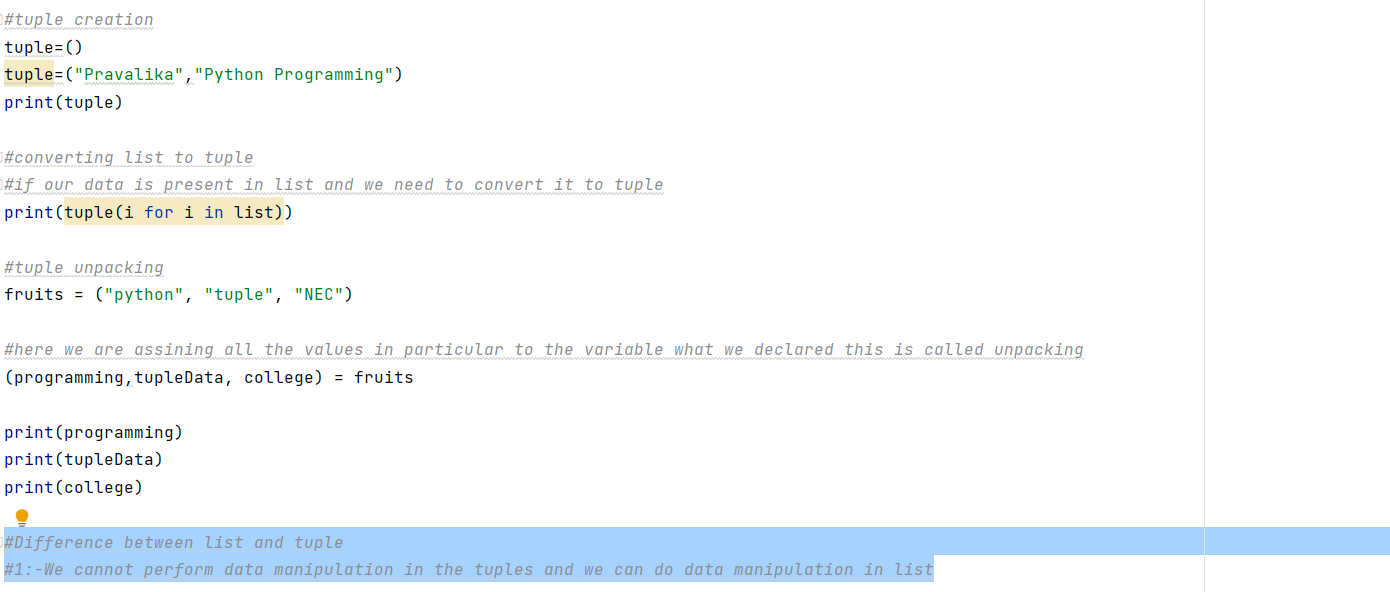
**Source :Official Python documentation,**

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**Tuple:-**

Tuple creation:-

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****

**Dictionary/HashMap:-**

**What is dictonary:**

**A screenshot of a computer

Description automatically generated**

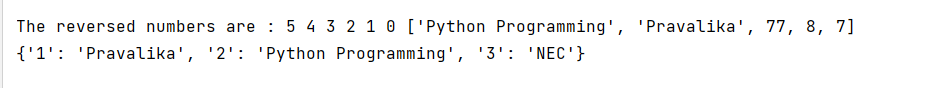
**A screenshot of a dictionary

Description automatically generated**

**Basic Operation on Dictionary:-**

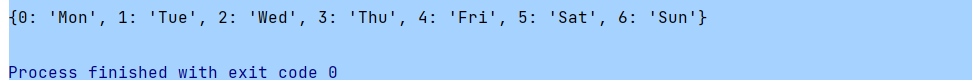
**A computer screen shot of a computer code

Description automatically generated**

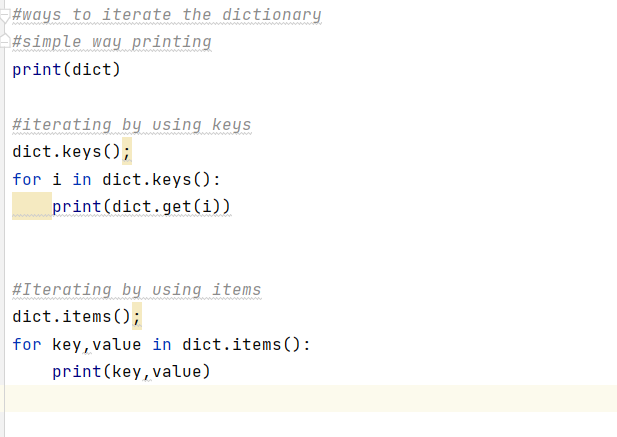
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**A screen shot of a computer

Description automatically generated**

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**Iteration of dictionary**

****

**A blue background with white clouds

Description automatically generated with medium confidence**

**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

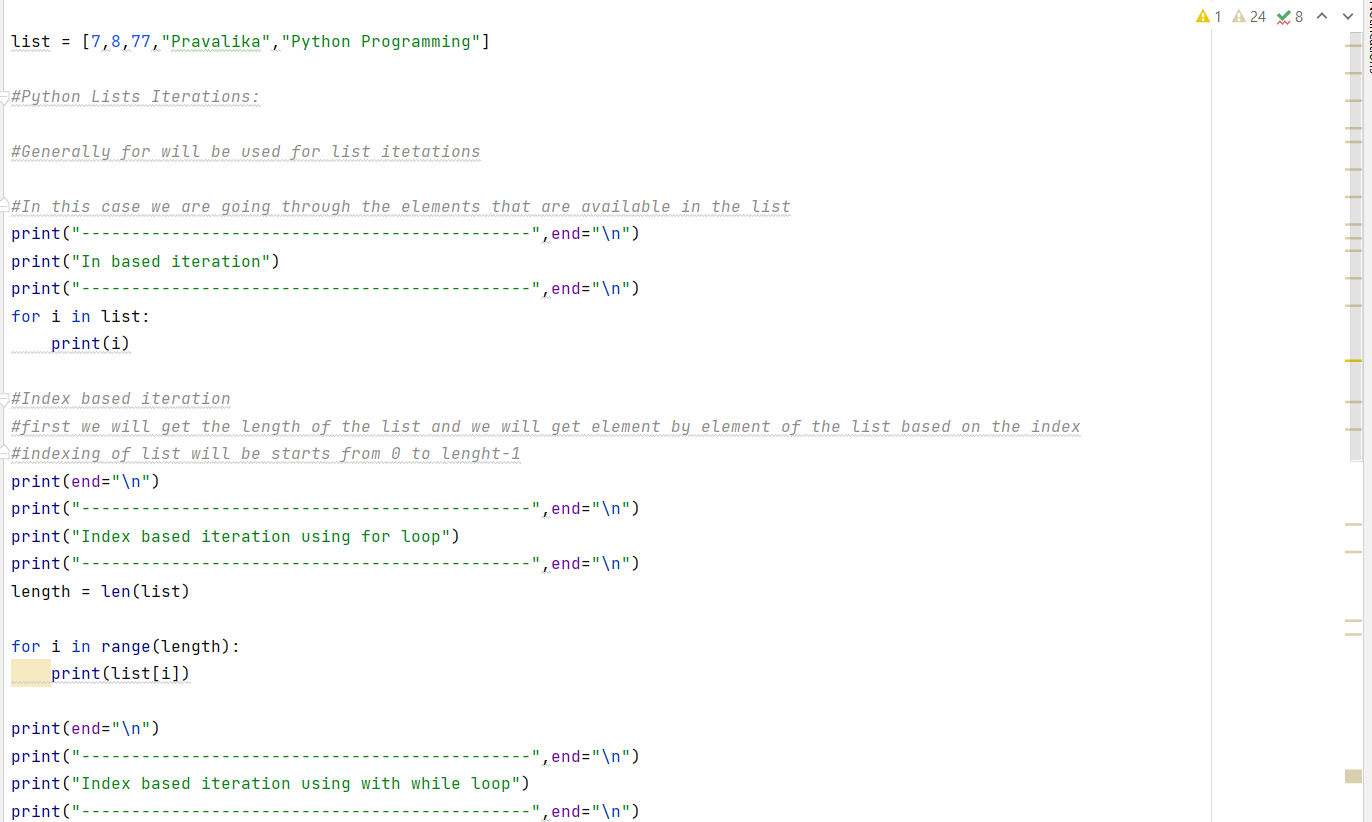
Below code snippet says, While condition will be exitedwill user statement is true and used break key word

A screen shot of a computer code

Description automatically generated

**List/tuple Iterations:-**

**Explanation is given with comments .**

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**A screenshot of a computer

Description automatically generated**

**Outputs for ListItreations**

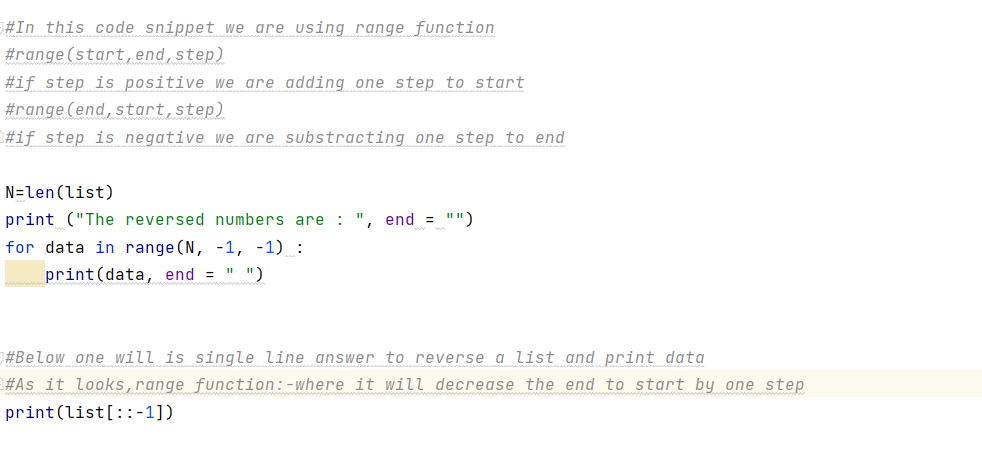
**A blue screen with black text

Description automatically generated**

**A blue square with white lines

Description automatically generated with medium confidence**

**Backward Iteration of List:-**



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Description automatically generated