# list\_task

In

[4]:

*#*

fruit\_list

**=**

[

"apple"

,

"banana"

,

"mangoes"

,

"cherry"

]

print

(

"""

MENU

press 1 for add fruit

press 2 for display fruit list

press 3 for remove fruit

press 4 to search a fruite

"""

)

choice

**=**

int

(

input

(

"enter your choice from menu: "

))

**if**

choice

**==**

1

:

name

**=**

input

(

"Enter fruit name to add: "

)

fruit\_list

.

append

(

name

)

print

(

fruit\_list

)

**elif**

choice

**==**

2

:

**for**

fruit

**in**

fruit\_list

:

print

(

fruit

)

**elif**

choice

**==**

3

:

name

**=**

input

(

"Enter fruit name to remove: "

)

print

(

fruit\_list

.

remove

(

name

))

**elif**

choice

**==**

4

:

name

**=**

input

(

"Enter fruit name to search: "

)

**if**

name

**in**

fruit\_list

:

print

(

"available"

)

**else**

:

print

(

"not available"

)

**else**

:

print

(

"SELECT PROPER MENU!!!!!"

)

MENU press 1 for add fruit press 2 for display fruit list press 3 for remove fruit press 4 to search a fruite

enter your choice from menu: 1 Enter fruit name to add: papaya

['apple', 'banana', 'mangoes', 'cherry', 'papaya']

In

[

]:

*#collections*

list

tuple

set

dictionary

In

[

]:

In

[6]:

Enter marks: 58

*#control statements:*

*#jumping statement*

**break**

**continue**

**pass**

*##break*

**for**

i

**in**

range

(

1

,

6

):

num

**=**

int

(

input

(

"Enter marks: "

))

**if**

num

**<=**

35

:

**break**

**else**

:

print

(

"pass"

)

pass Enter marks: 63 pass Enter marks: 12

In

[7]:

Enter a number: 3

*#continue*

num

**=**

int

(

input

(

"Enter a number: "

))

**for**

i

**in**

range

(

1

,

6

):

**if**

num

**==**

i

:

**continue**

**else**

:

print

(

i

)

1

2

4

5

In

[5]:

not eligible

*#pass : it is used for nothing to dispaly*

num

**=**

47

**if**

num

**>**

50

:

**pass**

**else**

:

print

(

"not eligible"

)

In

[3]:

9

1

2 5 6 8

**for**

i

**in**

range

(

1

,

10

):

**if**

i

**==**

3

**or**

i

**==**

4

**or**

i

**==**

7

:

**continue**

**else**

:

print

(

i

,

end

**=**

" "

)

# list

In

[6]:

In

[7]:

[]

*#list: list is a collection of data types which contain similar and dis-similar i*

*# in python list is represent by []*

*#list is orderable,indexable and mutable (changable)*

*#blank list*

fruit\_list

**=**

[]

print

(

fruit\_list

)

In

[8]:

[

'apple', 'banana', 'mangoes'

]

fruit\_list

**=**

[

"apple"

,

"banana"

,

"mangoes"

]

print

(

fruit\_list

)

In

[13]:

apple

*# to print like a list*

fruit\_list

**=**

[

"apple"

,

"banana"

,

"mangoes"

]

**for**

fruit

**in**

fruit\_list

:

print

(

fruit

)

banana mangoes

In

[15]:

*#Difference between list and array*

list

:

contains

similar

**and**

dis

**-**

simialr

data

elements

array

:

which

contain

only

similar

data

elements

In

[14]:

[

'apple', 'banana', 'mangoes',

38]

*#dis-similar list*

fruit\_list

**=**

[

"apple"

,

"banana"

,

"mangoes"

,

38

]

print

(

fruit\_list

)

In

[2]:

Enter fruit to add: apple

*#append : we can add element in existing list*

fruit\_list

**=**

[]

**for**

i

**in**

range

(

1

,

6

):

name

**=**

input

(

"Enter fruit to add: "

)

fruit\_list

.

append

(

name

)

print

(

fruit\_list

)

Enter fruit to add: banana Enter fruit to add: mango

Enter fruit to add: orange

Enter fruit to add: cherry

[ 'apple', 'banana', 'mango', 'orange', 'cherry' ]

In

[4]:

Enter fruit to remove: apple

*#remove element from list*

fruit\_list

**=**

[

"apple"

,

"banana"

,

"mango"

,

"orange"

]

name

**=**

input

(

"Enter fruit to remove: "

)

fruit\_list

.

remove

(

name

)

print

(

fruit\_list

)

['banana', 'mango', 'orange']

In

[5]:

Enter fruit name to search: lemon

*#check element is exist or not*

fruit\_list

**=**

[

"apple"

,

"banana"

,

"mango"

,

"orange"

]

name

**=**

input

(

"Enter fruit name to search: "

)

**if**

name

**in**

fruit\_list

:

print

(

"available"

)

**else**

:

print

(

"not available"

)

not available