

## LAB:07

### QUESTION:03

#### INPUT

```
# PYTHON EXPRESSIONS
# The number of characters in the word "anachronistically" is 1 more than the number of
characters in the word "counterintuitive"
a=(len("anachronistically")-len("counterintuitive")==1)
print(a)
# The word "misinterpretation" appears earlier in the dictionary than the word
"misrepresentation."
b="misinterpretation"<"misrepresentation"
print(b)
# The letter "e" does not appear in the word "floccinaucinihilipilification."
c="e" not in "floccinaucinihilipilification"
print(c)
# The number of characters in the word "counterrevolution" is equal to the sum of the number of
characters in words "counter" and "resolution."
d=len("counterrevolution")==len("counter")+len("resolution")
print(d)
```

#### OUTPUT

```
True
True
True
True
Process finished with exit code 0
```

### QUESTION:04

#### INPUT

```
# Write a program in Python that holds an empty tuple and fill that tuple after taking user
input for names of provinces of Pakistan n fill an empty tuple and print.
x=(),(),(),()          # takes an empty tuple
y=list(x)              # convert it into list as tuple is immutable
for i in range(4):
    name=input("enter name of province of pakistan")
    y[i]=name
x=tuple(y)             # again convert the list into tuple
print(x)
```

#### OUTPUT

```
enter name of province of pakistan sindh
enter name of province of pakistan punjab
enter name of province of pakistan balochistan
enter name of province of pakistan kpk
('sindh', 'punjab', 'balochistan', 'kpk')
Process finished with exit code 0
```

### QUESTION:05

```
#Start by assigning to variables monthsL and monthsT a List and a tuple, respectively, both
containing strings 'Jan', 'Feb', 'Mar', and 'May', in that order.
#Insert string 'Apr' between 'Mar' and 'May'.
```

```

monthsL=["jan","feb","mar","may"]
monthsT=("jan","feb","mar","may")
monthsL.insert(3,"apr")

print(monthsL)
monthsT.insert(3,"apr")    # it would generate error as tuples are immutable

#Append string 'Jun'.
monthsL.append("jun")
monthsT.append("jun") # it would generate error as tuples are immutable

print(monthsL)

#Pop the container.
monthsL.pop()
monthsT.pop()    # it would generate error as tuples are immutable

print(monthsL)

# Remove the second item in the container.
monthsL.remove("feb")

monthsT.remove("feb") # it would generate error as tuples are immutable

print(monthsL)
# Reverse the order of items in the container.
monthsL.sort(reverse=True)

print(monthsL)
a=monthsT[::-1]
print(a)

```

## **OUTPUT**

```

['jan', 'feb', 'mar', 'apr', 'may']
['jan', 'feb', 'mar', 'may', 'jun']
['jan', 'feb', 'mar']
['jan', 'mar', 'may']
['may', 'mar', 'jan', 'feb']
['may', 'mar', 'jan', 'feb']
('may', 'mar', 'feb', 'jan')

```

Process finished with exit code 0