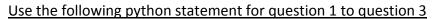
# Revision (1)



```
A = [[1, 1, 2], [2, 2, 3], [3, 3, 4]]
Question 1
print(A[1][1])
print("\n")
Output:
Question 2
output = A[1] * 3
print(output)
Output:
Question 3
x = 0
for i in range(2):
  x = x + A[i][i]
  print(x)
print(x)
Output:
```

## Revision (2)

Use the following python code for question 1 to question 4.

```
message1 = "Python Revision"
message2 = "Tutorial Class"
number1 = "2 4 6 8 10"
number2 = "19 17 15 13 11"
msg1 = (message1[3:9])
msg2 = (message2[2:6])
print(msg1)
print(msg2)
print(msg1 + msg2)
no1 = (number1[2:5])
no2 = (number2[6:9])
ans = no1 + no2
print(ans)
What is the output for the following questions?
Question 1
print(msg1)
Output:
Question 2
print(msg2)
Output:
Question 3
print(msg1 + msg2)
Output:
Question 4
print(ans)
Output:
```

### **Revision 3**

Use the following python code for question 1 to question 3.

```
def value_input():
  num = float(input("Enter a number:"))
  num = num * 6.6
  return num
Question 1
Assuming 5 is entered.
n = value_input()
for x in range(11, 18, 2):
  x = x + n
  print(x)
print(n)
Output:
Question 2
Assuming 5 is entered.
n = int(value_input())
c = 0
for a in range(n, int(n+5), int(n/12)):
  a = a + n
  c += 1
  print("Numbers inside the loop:", a)
print("Average:","{:.5f}".format(a/c))
Output:
```

Question 3 Assuming 18 is entered.
n = int(value_input())
c = 0
a = 15 while a < n:
a = a + (c * 7.2)
if a%3 == 0:
print(a)
c += 1
print("Average:", a/c)
Output:
Revision 4
Using Python While Loop and For Loop to create an decrease loop with the following information. Note: Remember to display the output values from the loop.
Use the following variables for the coding:
IValue – Initial Value
EValue – End Value
DValue – Decrease Value
While Loop
For Loop

## **Revision 5**

Create a python program by using Functions,	While Loop,	If-elif statement	for the following
condition:			

- a) Create Functions for the following calculation (accept 2 numbers):
  - To calculate Additional
  - To calculate Subtraction
  - To calculate Multiplication
  - To calculate Division

- b) Use While Loop and If-elif statement for the following conditions:
  - Accept 2 integer numbers.
  - Call the menu "options" function.
  - The program will continue to run until the user keys in '5' to quit from the program.
  - Use the appropriate python statement to handle the selection that the user keys in
  - The following table is the expected output from each selection:

Options	Output		
1	Answer: ** answer of addition		
2	Answer: ** answer of subtraction		
3	Answer: ** answer of multiplication		
4	Answer: ** answer of division		
5	Thank you.		
Others	Wrong Input. Please try again.		

\*\* get the answer from the function respectively.

Note: Use the following start-up code to complete the program:

```
def option():
    print("Option")
    print("1. Addition")
    print("2. Subtraction")
    print("3. Multiplication")
    print("4. Division")
    print("5. Quit")
```

#### Continue here: