Assignment

(a) Write a python script to demonstrate while statement, break and continue statements.

```
py2.py - C:/Users/student/AppData/Local/Programs/Python/Python3
File   Edit   Format   Run   Options   Window   Help
i=1
sum=0
while i<=10:
     sum=sum+i
     i=i+1
print("addition of first 10 number are:",sum)



>>>
    === RESTART: C:/Users/student/AppData/Local/Programs/Pytho
    addition of first 10 number are: 55
>>>|
```

py2.py - C:/Users/student/AppData/Local/Programs/Python/Py

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```
numberlist=[11,55,77,33,66]
i=0
for number in numberlist:
    if number==77:
        print("number at position :",i)
        break
    i=i+1
```

```
>>>
    === RESTART: C:/Users/stu
    number at position : 2
>>>
```
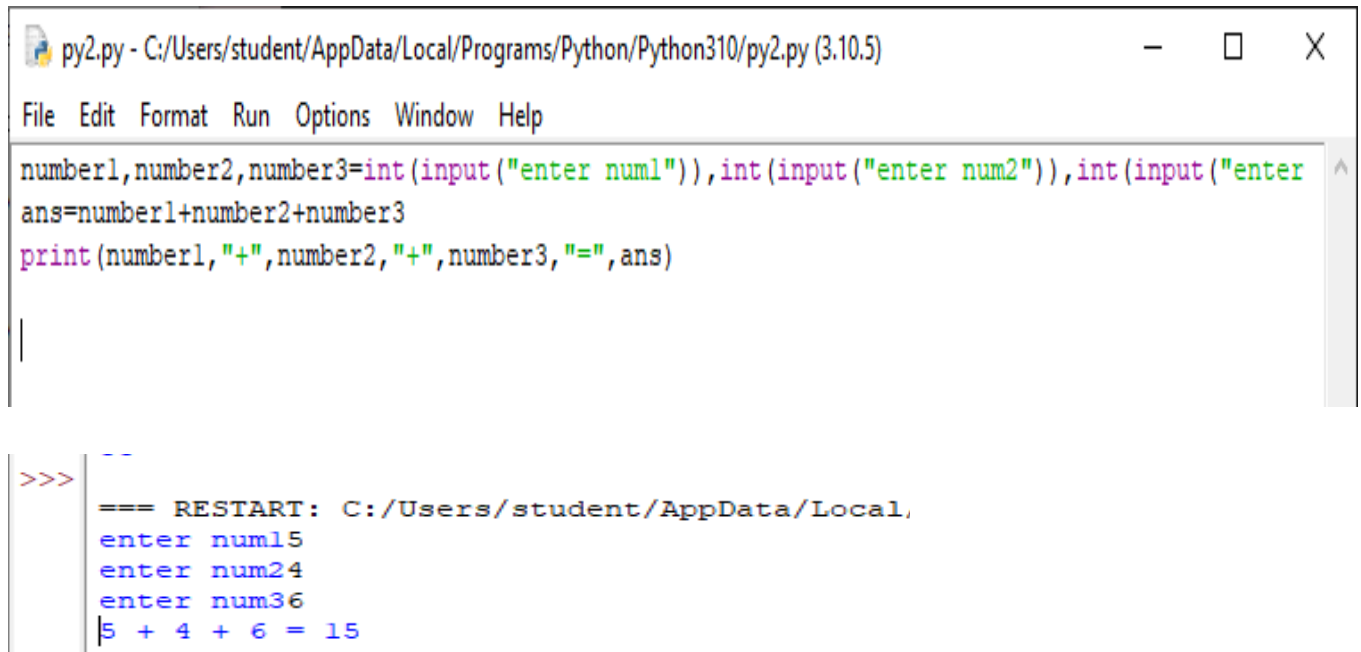
py2.py - C:/Users/student/AppData/L

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```
numberlist=[11,55,77,33,66]
for number in numberlist:
    if number%2==0:
        continue
    print(number)
```

```
>>>
    === RESTART: C:/Users/student/AppData/L
    11
    55
    77
    33
```

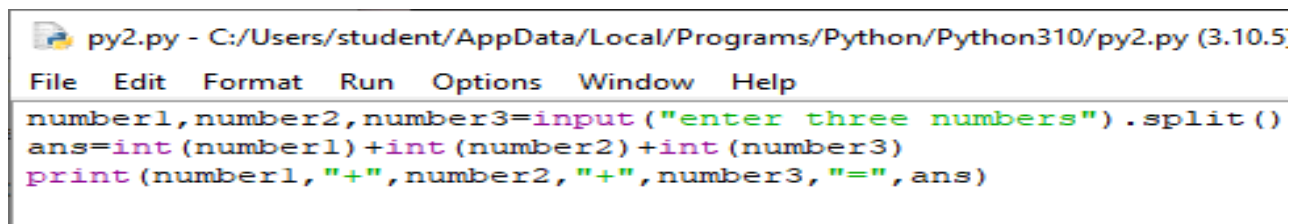# (b) Write a Python script to take multiple value from the user using input().

py2.py - C:/Users/student/AppData/Local/Programs/Python/Python310/py2.py (3.10.5)   —   ☐   X

File Edit Format Run Options Window Help

```
number1,number2,number3=int(input("enter num1")),int(input("enter num2")),int(input("enter
ans=number1+number2+number3
print(number1,"+",number2,"+",number3,"=",ans)
```

```
>>>
    === RESTART: C:/Users/student/AppData/Local,
    enter num15
    enter num24
    enter num36
    5 + 4 + 6 = 15
```

py2.py - C:/Users/student/AppData/Local/Programs/Python/Python310/py2.py (3.10.5)

File   Edit   Format   Run   Options   Window   Help

```
number1,number2,number3=input("enter three numbers").split()
ans=int(number1)+int(number2)+int(number3)
print(number1,"+",number2,"+",number3,"=",ans)
```

```
>>>
    === RESTART: C:/Users/student/Ap
    enter three numbers22 33 44
    22 + 33 + 44 = 99
>>>
```

```python
number1,number2,number3=input("enter three numbers").split(",")
ans=int(number1)+int(number2)+int(number3)
print(number1,"+",number2,"+",number3,"=",ans)
```

```
>>>
    === RESTART: C:/Users/student/Ap
    enter three numbers22,33,44
    22 + 33 + 44 = 99
```

```
>>>
    === RESTART: C:/Users/student/AppData/Local/Programs/Python/Python310/py2.py ===
    enter numbers separated by space
    22 33 44
    list is below
     ['22', '33', '44']
>>>
    === RESTART: C:/Users/student/AppData/Local/Programs/Python/Python310/py2.py ===
    enter numbers separated by space
    22 33 44
    list is below
     [22, 33, 44]
    sum of list elements :  99
```

```
    === RESTART: C:/Users/student/AppData/Local/Programs/Python/Python310/py2.py ===
    enter numbers separated by space
    22 33 44 55 66
    list is below
     [22, 33, 44]
    sum of list elements :  99
```

py2.py - C:/Users/student/AppData/Local/Programs/Python/Python310/py2.py (3.10.5) — □ ✕

File Edit Format Run Options Window Help

```python
numberlist=list(map(int,input("enter numbers separated by space\n").split()))[:3]
print("list is below \n",numberlist)
print("sum of list elements : ",sum(numberlist))
```