

HW -- Pycharm

Install <https://www.jetbrains.com/pycharm/download/?section=windows#section=windows>

1. Python does not have switch case .WORK using elif
2. Python does not ++ operator
3. Line Comment in python begins with #
4. Multiline Comment """ comment lines """

Loops in python ---

1. while
2. for loop

**for** iterator **in** sequence :  
Code

range() = library function  
That generates a sequence of numbers

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```
print(*objects, sep=' ', end='\n', file=None, flush=False)
```

From <<https://docs.python.org/3/library/functions.html#print>>

Ex - accept a separator from user and add that separator while printing  
`print(10,20,30)`

```
print("hi", end=" "); print("bye")
```

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List = defined using [ ] , it can have duplicate values also ,INPUT order is preserved

Set = defined using { } , it cannot have duplicate values , INPUT order is not preserved

Tuple = defined using ( ) , it cannot be modified - immutable

HW ---

1.

Write a python script that will go on accepting a number from the user till user enters -1  
Add all the numbers to the list ( list.append( pass element ) )

Show a menu to user

1. Show coma separated list
2. Show list one below the other
3. Show sum of all numbers in the list
4. Quit

2. Accept a symbol , lines from user

Symbol = #

Lines = 4

# # # #

# # #

# #

#

# #

# # #

# # # #

