Review #1

Write a program to take two numbers as input and print their sum

```python
firstnum = int(input("first number: "))
secondnum = int(input("second number: "))
print(firstnum + secondnum)
```

Review #2

Write a program to take a number N from the user and print N lines of N stars

```
1  nlines = int(input("number of lines: "))
2  i = 0
3  while i < nlines:
4      print("*" * nlines)
5      i = i + 1
```

Review # 3: Hangman

```python
from random import randint
actual_number = randint(1, 100)

guess = 0

while guess != actual_number:
    guess = int( input("enter your guess: ") )

    if guess > actual_number:
        print("Your guess is too high. Think something lower..")
    elif guess < actual_number:
        print("Your guess is too low. Think something higher..")
    else:
        print("Yes!! You got it")
```

Today's class

LISTS

Series of objects

theList

How do you create a list?

```
1   aList = ["hello", "bello", "cello", "dello"]
```

How do you create a list? Or... Dynamically

```
 2  aList = []   # and it is currently empty
 3
 4  numItems = len(aList)
 5  print(numItems)
 6
 7  aList.append("hello")
 8  numItems = len(aList)
 9  print(numItems)
10
11
12  aList.append("bello")
13  numItems = len(aList)
14  print(numItems)
15
16
17
18  print(aList)
```

How do you use items in a list?

```
1  aList = ["hello", "bello", "cello", "dello"]
2
3  firstItem = aList[0]
4  secondItem = aList[1]
5  thirdItem = aList[2]
6  fourthItem = aList[3]
7
8  print(firstItem, secondItem, thirdItem, fourthItem)
```

Warmup #1

Write a program to take a list of integer numbers as input, stop when the user says -1, and print the list

Warmup #2

Write a program to take list of integer numbers as input, stop when the user says -1, and print the list in REVERSE

0	1	2	3	4	5	6
Shaurya	Dhairya	Kriti	Iksha	Adit	Yuv	Bobo

Exercise 1

Take a list of numbers from a user, stop when they enter -1

Then print all the odd numbers in the list.

Also print their sum.