LIST AND OPERATION

DATE : 17/11/2020

ACTIVITY 1:

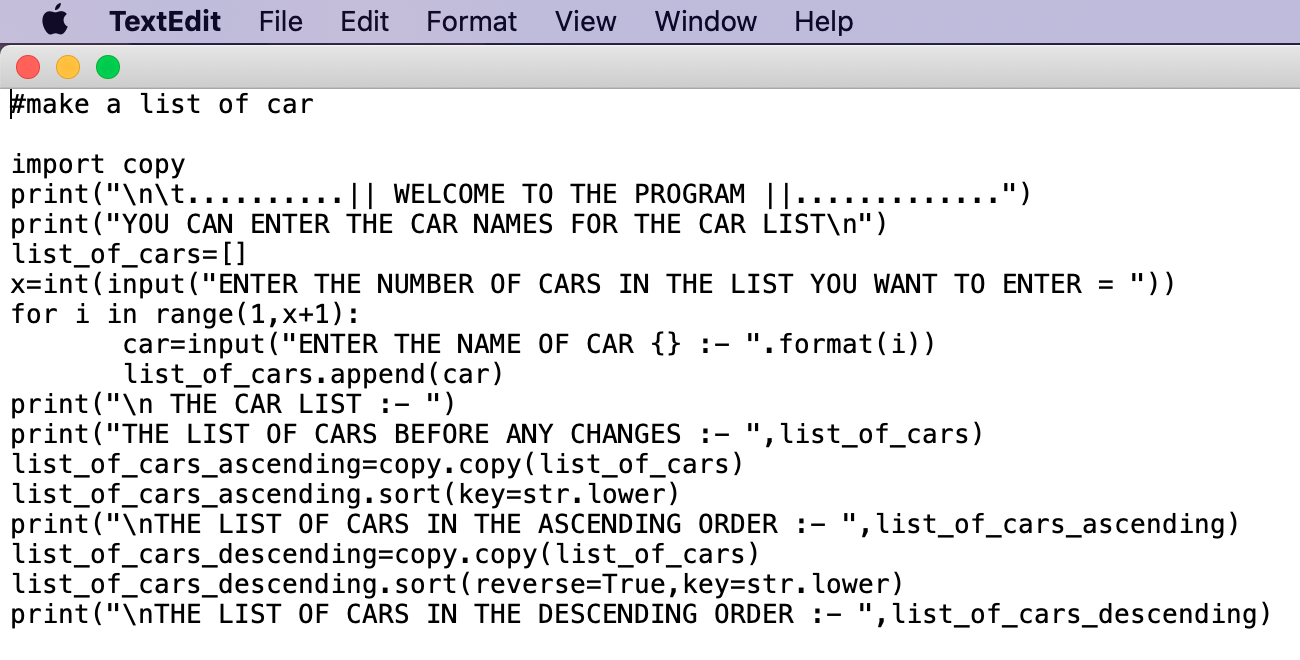
Read values from users and create a list of cars (say list\_of\_cars).

a. Print the list\_of\_cars without sorting (as given by the users)

b. Print the list\_of\_cars in ascending order.

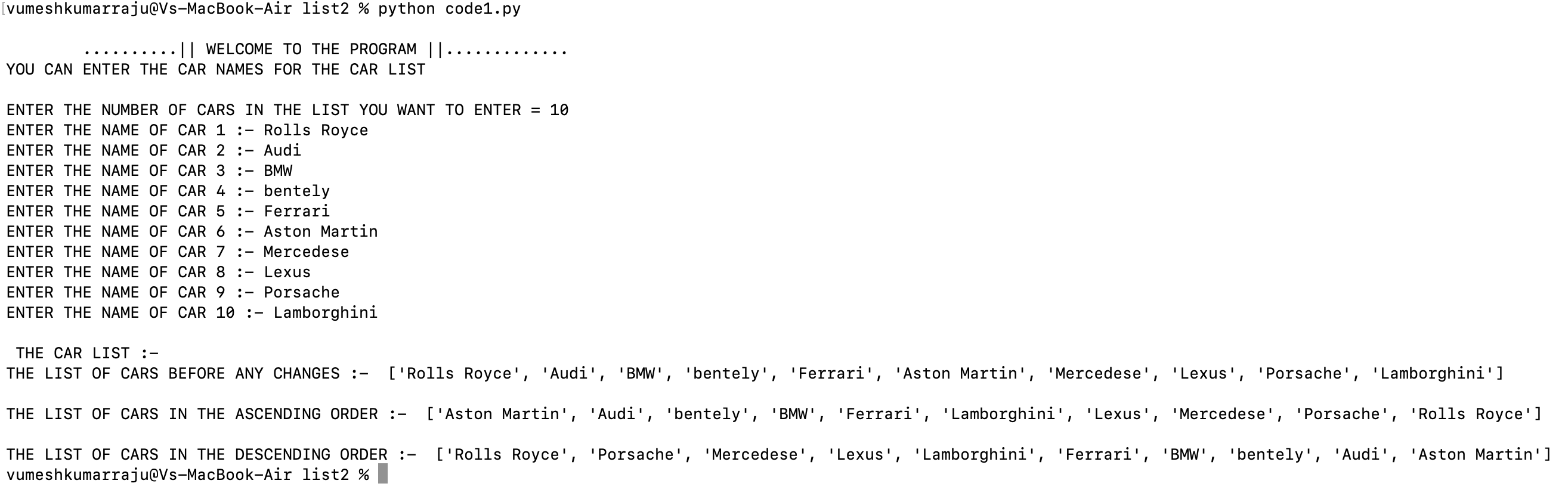
c. Print the list\_of\_cars in descending order.

PROGRAM:



Link for code :

OUTPUT:

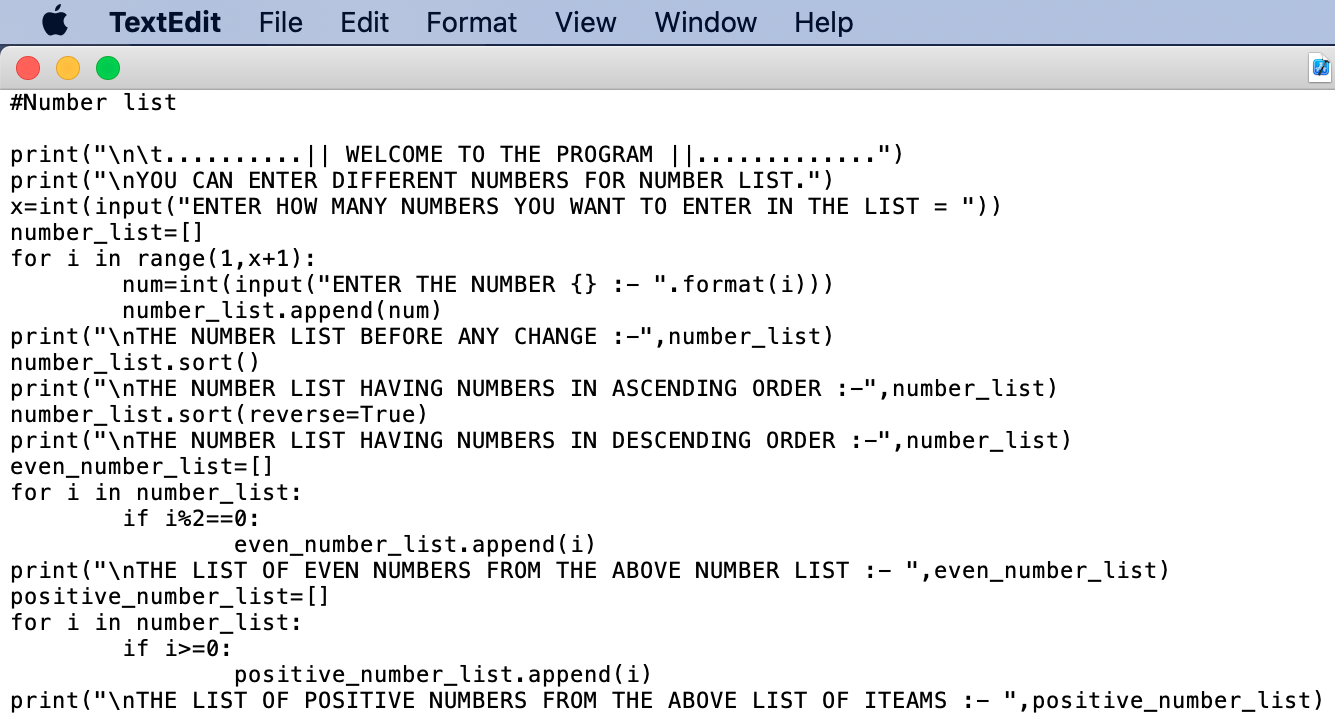


ACTIVITY 2:

Read a list of numbers from users and add them to a list (say number\_list).

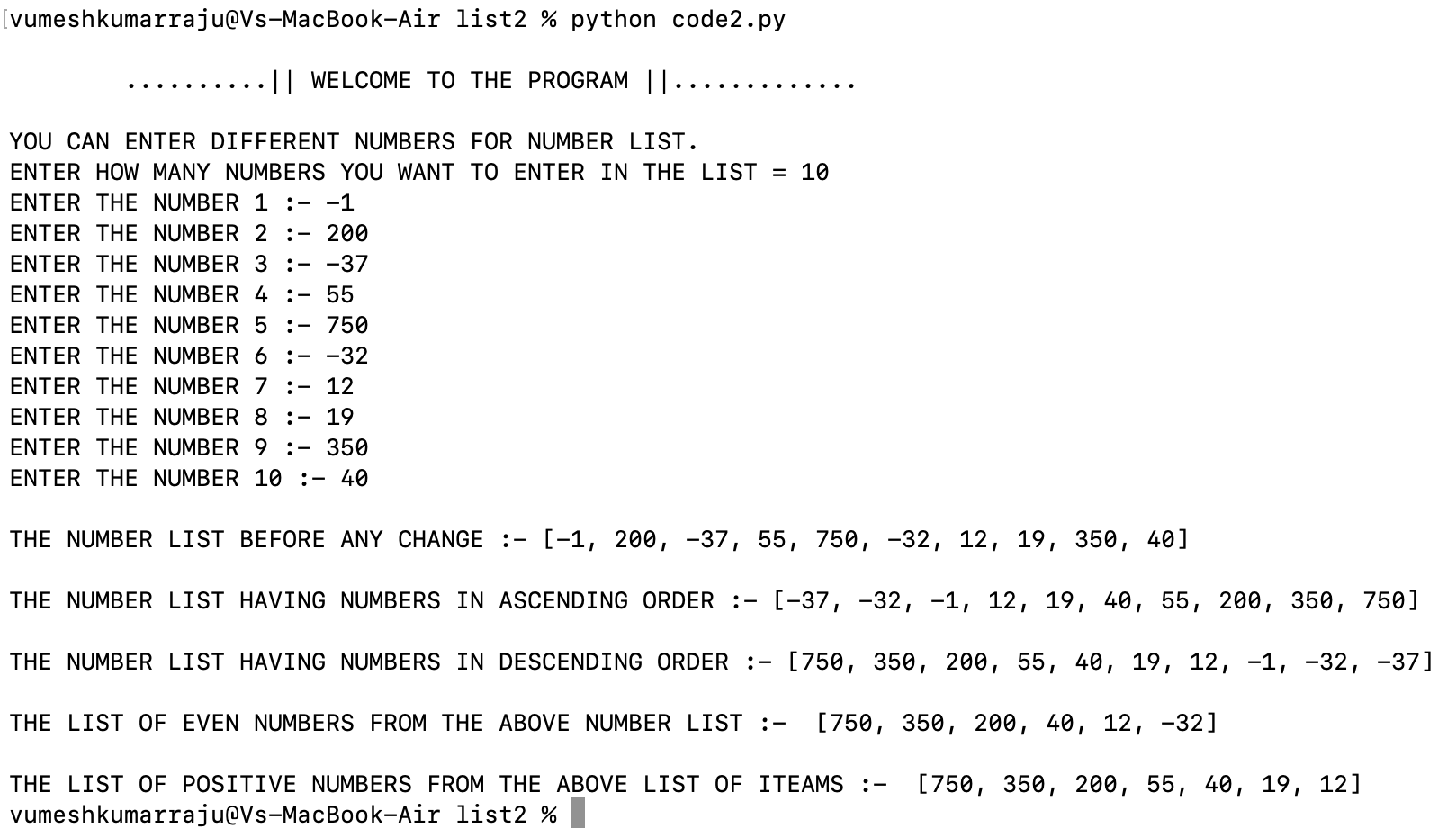
* Print the number\_list.
* Print the number\_list in ascending order.
* Print the number\_list in descending order.
* Create a new list (say even\_number\_list) from  number\_list. This even\_number\_list must contain only  even numbers.
* Create a new list (say postive\_number\_list) from  number\_list. This postive \_number\_list must contain only non-negative numbers.

PROGRAM:



Link for code :

OUTPUT:



ACTIVITY 3:

Read a list of numbers/Strings from users and add them to a list (say string\_number\_list) by strictly following the following constraints.

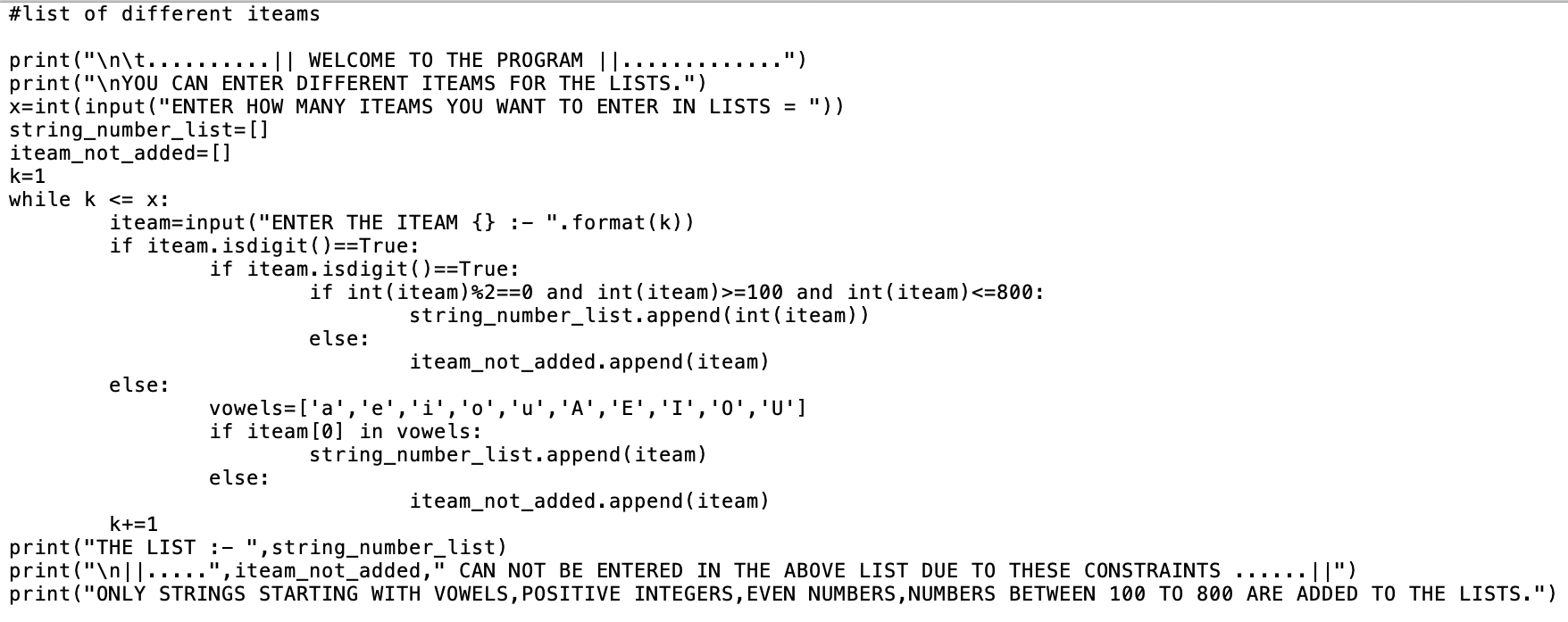
a) Strings starting only with vowel character are permitted.

b) Only positive numbers are permitted.

c) Only even numbers are permitted.

d) Numbers between 100 – 800 only should be permitted.

PROGRAM:



Link for code :

OUTPUT:

