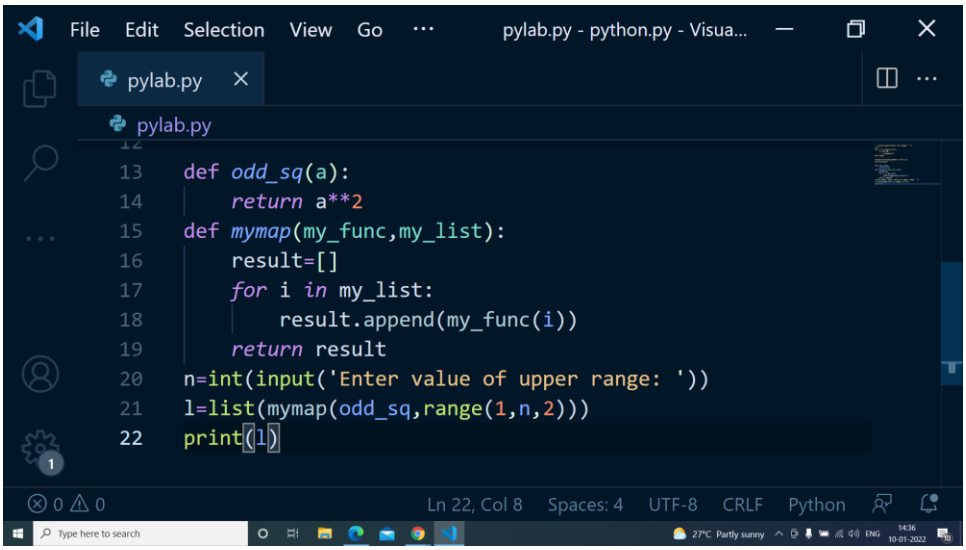
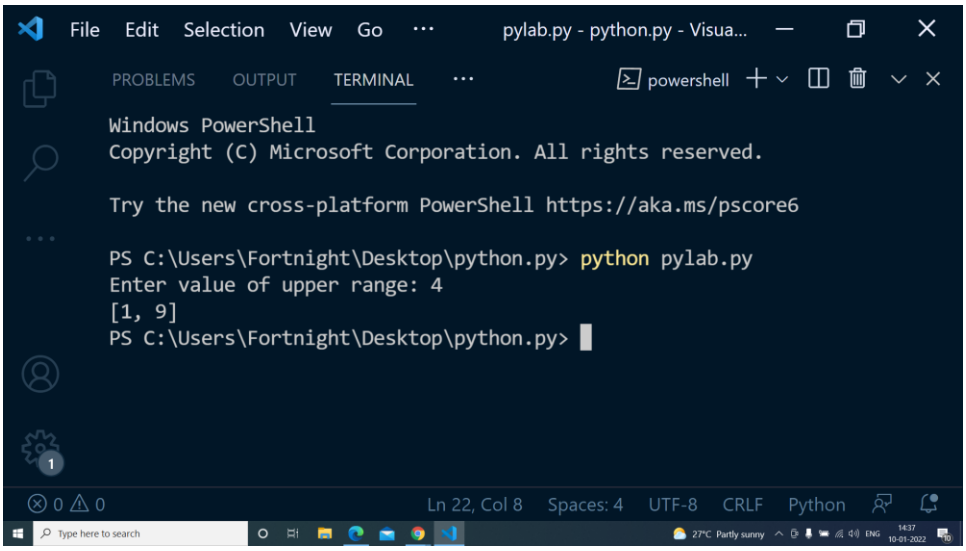
1) Write a function mymap which takes a callback and an iterable, creates a list, applies a callback to each element of the iterable and puts the result into list and returns the list.Should mimic map.

(a) Create a list of square of odd numbers from 1 to n.

#Program

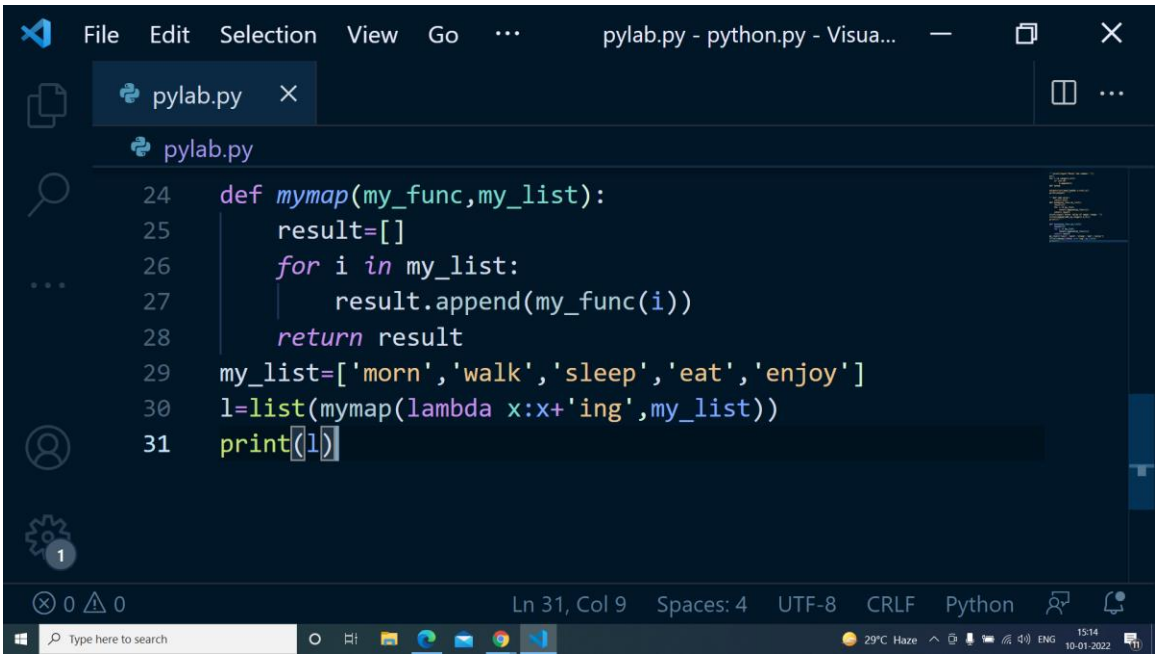


#Output

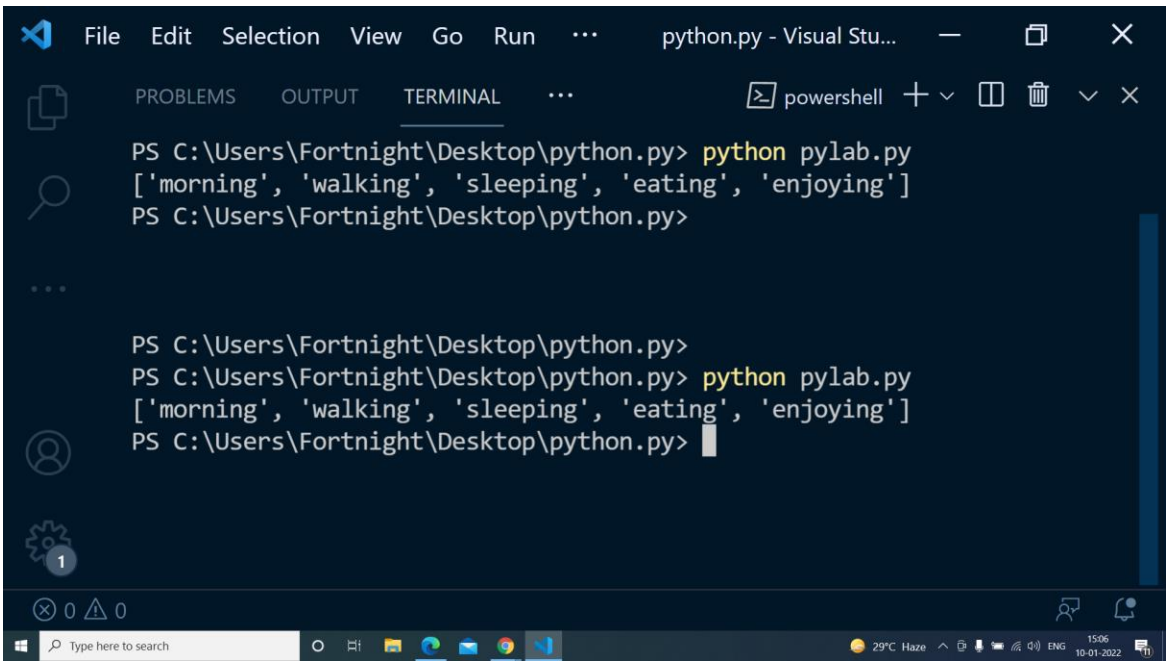


(b)Given a list of words, return a list with ‘ing’ appended to it.

#Program

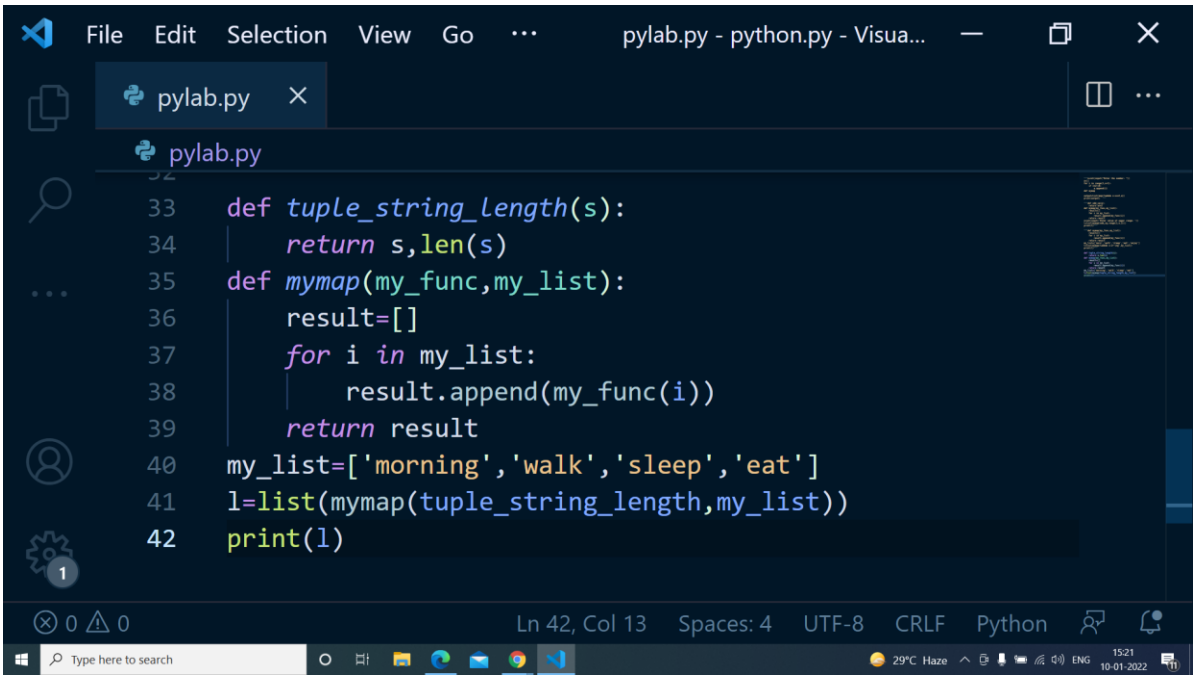


#Output

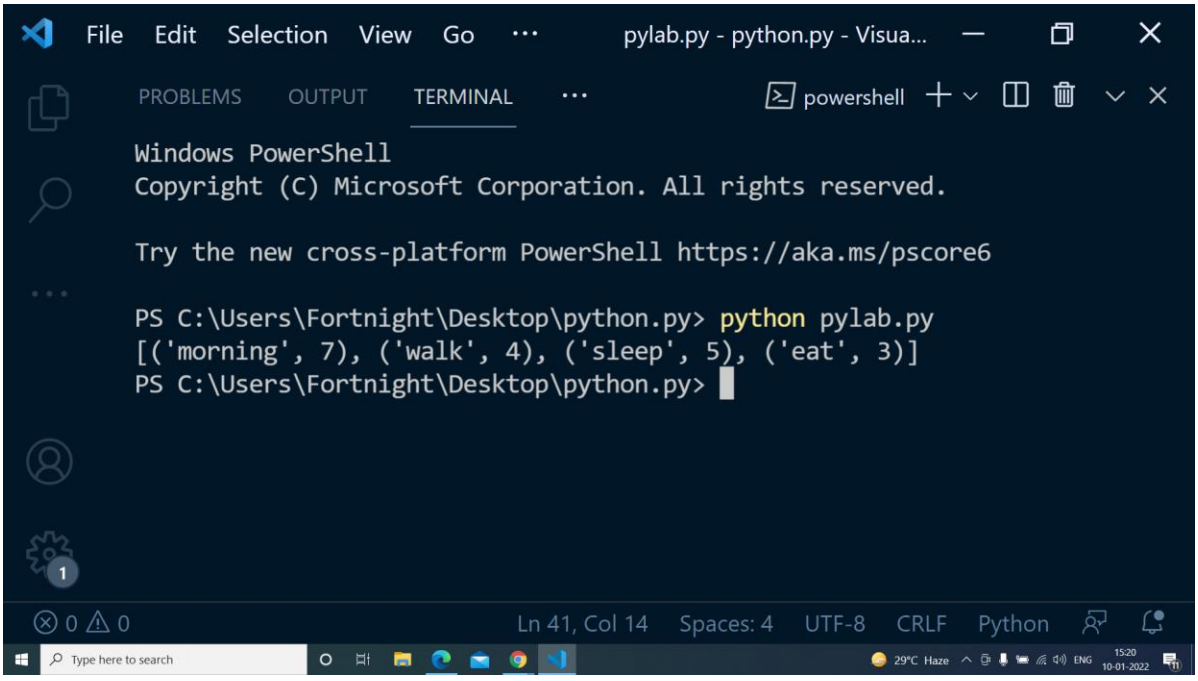


(c)Given list of words, return a list of tuples having the word and its length.

#Program



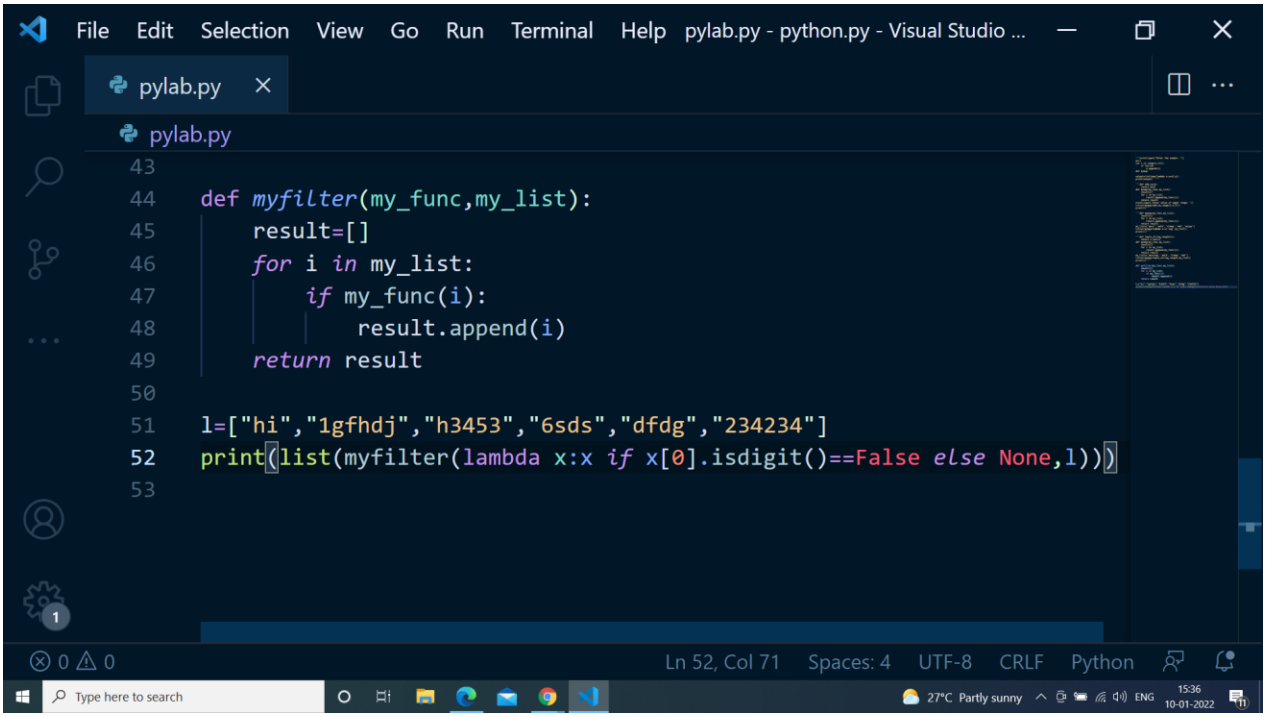
#Output



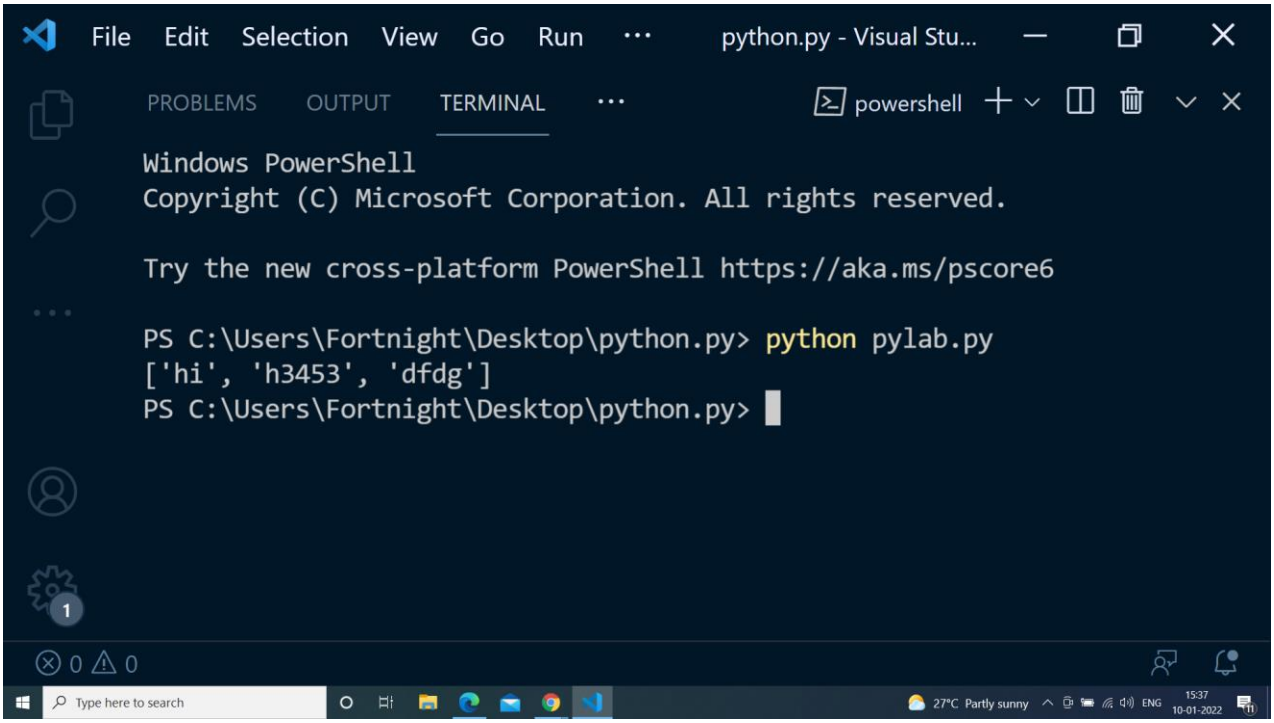
(2) Write a function to mimic filter-called myfilter.

Given a list of strings remove all strings having first character as digit.

#Program



#Output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PROBLEMS OUTPUT TERMINAL ···
powershell
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6
PS C:\Users\Fortnight\Desktop\python.py> python pylab.py
['hi', 'h3453', 'dfdg']
PS C:\Users\Fortnight\Desktop\python.py>
0 0
Type here to search
27°C Partly sunny
ENG
15:37
10-01-2022