

1. Python program to square each odd number in the list

Description:

Take a list of numbers and square each odd number in the list. Print output as comma separated sequence.

eg:

input list: [2,4,5,6,7,8,9]

output: 25,49,81

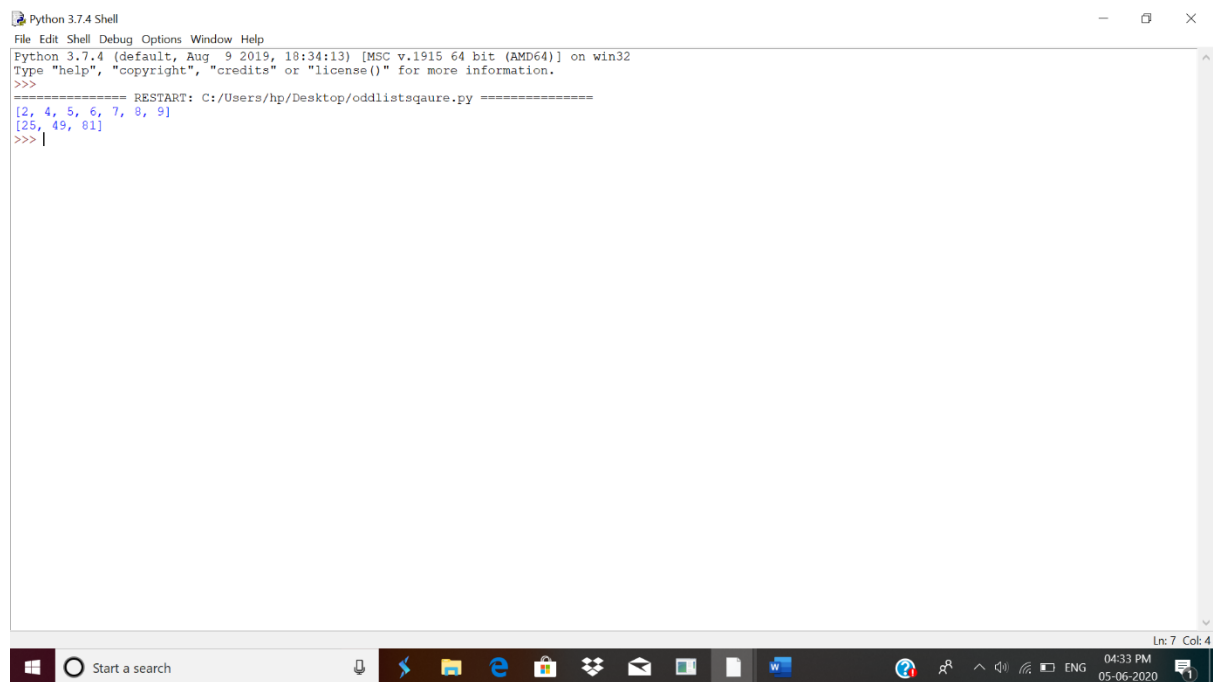
Program:

```
a=[2,4,5,6,7,8,9]
```

```
print(a)
```

```
print([i*i for i in a if(i%2!=0)])
```

output:



```
Python 3.7.4 Shell
File Edit Shell Debug Options Window Help
Python 3.7.4 (default, Aug  9 2019, 18:34:13) [MSC v.1915 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/hp/Desktop/oddlistsqaure.py =====
[2, 4, 5, 6, 7, 8, 9]
[25, 49, 81]
>>> |
```

The screenshot shows a Windows taskbar at the bottom with the Start button and search bar. The taskbar includes icons for File Explorer, Edge, Store, OneDrive, Mail, and a folder. The system tray on the right shows the time as 04:33 PM on 05-06-2020, along with icons for network, volume, and power. The Python Shell window is titled 'Python 3.7.4 Shell' and has a menu bar with 'File', 'Edit', 'Shell', 'Debug', 'Options', and 'Window Help'. The command prompt shows the Python version and environment, followed by a restart of the script 'oddlistsqaure.py'. The script prints the list [2, 4, 5, 6, 7, 8, 9] and then the list of squared odd numbers [25, 49, 81].