LetsUpgrade Data Structure and Algorithm Essentials
Assignment 2 | 19th January 2021

Question 1:

Write a Python program to print even numbers in a list.
Sample:

Input: list1 = [12, 3, 55, 6, 144]
Output: [12, 6, 144]

Input: list2 = [2, 10, 9, 37]
Output: [2, 10]

Answer:

```
list1 = [12, 3, 55, 6, 144]
even_list = []
for i in list1:
  if i % 2 == 0:
even_list.append(i)
print(even_list)
```

Question 2

Write a program to print the following pattern
```
    1
   22
  333
 4444
55555
```

Answer:

```
for i in range(5):
for j in range(5-i-1):
print(" ",end="")
 for j in range(i,-1,-1):
print(i+1,end="")
 print()
```

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