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]

Ans: Using for loop;

```
list1 = [14, 3, 8, 6, 5]

for num in list1:

if num % 2 == 0:

print(num, end = " ")
```

Output: [14, 8, 6]

Question 2

Write a program to print the following pattern

```
    1
   22
  333
 4444
55555
```

Ans: # include<stdio.h>

```
#include< conio.h>

void main()

{
```

```c
int i,j,n;
clrscr();
printf( "\n Enter the value of n:");
scanf("%d",&n)
for(i=0;i<n;i++)
{
for(j=1;j<=i;j++)
printf("%d",i);
}
printf("\n");
}
getch();
}
```

Output:

Enter the value of n:5

```
    1
   22
  333
 4444
55555
```