40.	Write a program to find the maximum and minimum element in an array.
41.	Write a program to separate odd and even integers in separate arrays.
42.	Write a program to insert New value in the array (sorted list).
43.	Write a program to insert New value in the array (unsorted list) in (specific on).
	1. Write a program to print the following star pattern ** * ** ** ** ** ** ** ** *

* * * *
* * *
*
* * *
* * *
* * *
* * *
* * *
3. Write a program to print the following star pattern
* * *
* * *
*
* * * * * *
* * * * * *
*
*
* * * * * * * * *
* * * * * * * *
4. Write a program to print the following star pattern
4. Write a program to print the following star pattern * * * *
* * * *
* * * *
* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *
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* * * * * * * * * * * * * * * * * * *
**** ** ** ** ** ** ** ** **
**** ** ** ** ** ** ** ** **
**** ** ** ** ** ** ** ** **
**** ** ** ** ** ** ** ** **

7. Write a program to print the following star pattern * *

```
* * * * *
* *
* *
* * * * * * * * * *
* * * * * * * * * * * * * *
* *
* *
* *
8. Write a program to print the following star pattern
* * * * *
* * * * *
*
*
* * *
*
* * * * *
```

11. Write a program to print the following star pattern ****

*

12.Print this pattern

13.*Print the array elements in the following pattern.*

14.Write a program to print the following star pattern.

* *

* * * * *

* *

* * * * * * *

* *

* * * * * * * *

* *

* *

* *

* *

* * * * * * * * * * * * * * *

16. Write a program to print the following star pattern.

*

17. Write a program to print the following star pattern

 18.Write a program to print the following number pattern.

19. Write a program to print the following Alphabets pattern.

I IN IND INDI INDIA

20.Write a program to print the following Alphabets pattern.

M M A M A L M A L A M A L A Y M A L A Y A L M A L A Y A L M A L A Y A L A M A L A Y A L A M

21. Write a program to print the following pattern

22. Write a program to print the following pattern

```
12345
2468
369
48
5
```

23. Write a program to print the following pattern

```
12
123
1234
12345
12345
1234
123
12
```

24. Write a program to print the following pattern

A BBB CCCCC DDDDDDDD

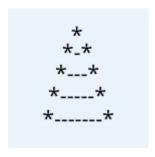
25. Write a program to print the following pattern

26. Write a program to print the following pattern

27. Write a program to print the following patten

28. Write a program to print the following patten

29. Write a program to print the following patten



30. Write a program to print the following pattern



31. Write a program to print the following pattern

***** ***

32. Write a program to print the following pattern

```
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15
16 17 18 19 20 21
```

33. Write a program to print the following pattern

```
A B B C C C C D D D D E E E E E F F F F F F F
```

34. Write a program to print the following pattern

35 . Write a program to print the following pattern

36. Write a program to print the following pattern

```
A B C D E
A B C D
A B C
A B
A B
```

37. Write a program to print the following pattern.

```
* * * *
* *
* *
```

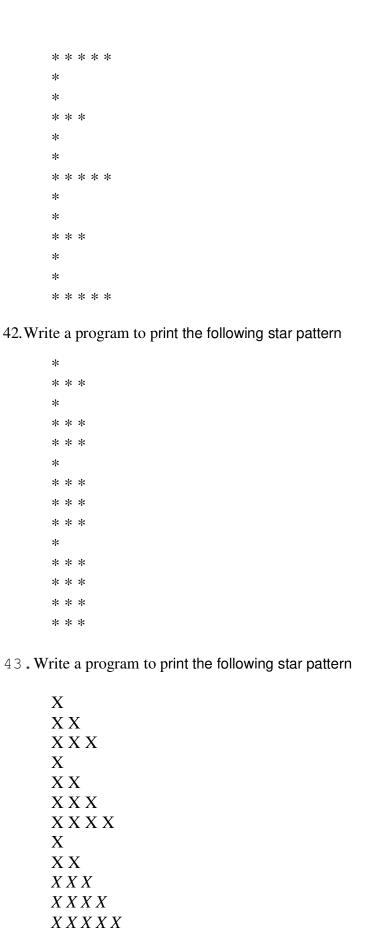
* * * *

38. Write a program to print the following star pattern.

 $3\,9$. Write a program to print the following star pattern.

40. Write a program to print the following star pattern.		
* * *		
*		
*		
*		
* * * * * *		
* * * * * *		
*		
*		
*		
* * * * * * * *		
* * * * * * * *		
* * * * * * * * *		

41. Write a program to print the following star pattern.



44. Write a program to print the following star pattern



46. Write a program to print the following pattern.

47. Write a program to print the following pattern.

48 . Write a program to print the following pattern.

50 . Write a program to print the following pattern.

```
111111
111122
111333
114444
155555
666666
```

 $4\, 9$. Write a program to print the following pattern.

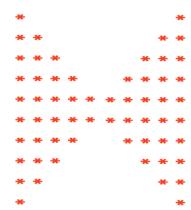
51 . Write a program to print the following pattern.

52. Write a program to print the following pattern.

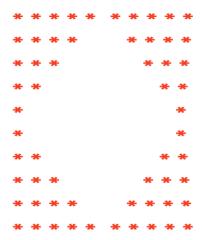
```
*
$ *
* $ *
$ *
$ * $ *
$ * $ *
```

53 . Write a program to print the following star pattern.

 $5\,4$. Print the following pattern



55. Write a program to print the following star pattern



56. Write a program to print the following star pattern

57. Write a program to print the following star pattern

X X X X X X X X X X X X X X

X X X X X X X X X X