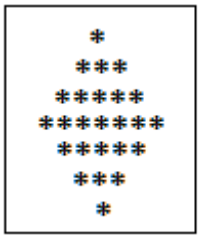
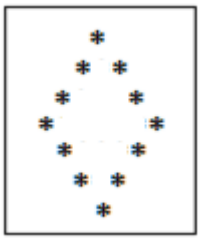
Innovatus Technologies
Implementing Ideas...

SET 11 (For – While)

1. Write a program to get the following output



2. Write a program to get the following output



3. Write a program to find the sum following series

$3^1 + 3^2 + 3^3 + 3^4 + 3^5 +$----------n

4. Write a program to find the sum following series

$1/2^2 + 1/4^2 + 1/6^2 + 1/8^2 + 1/10^2 +$…….n

5. Write a program to find the sum following series

1- 1/3 + 1/6 – 1/10 + 1/15 -…….

6. Write a program to find the sum following series

1! + 2! +3! + …. +n!

7. Write a program to find the sum following series

1-1/2+ 1/3 - 1/4+ 1/5 - 1/6+……

8. Write a program to find the sum following series

$1/2^2 + 1/4^2 + 1/8^2 + 1/16^2 + 1/32^2 +$……

(While)

9. Write a program to find factorial of a number
10. Write a program to find the sum of digits of given number

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