Q. Print series 0,3,8,15,24,35,48,63,80,99

A screen shot of a computer program

Description automatically generated

A screen shot of a computer code

Description automatically generated

Q2. Print series 1, 2, 4, 8, 16, 32, 64.

A computer screen shot of a program code

Description automatically generated

A screen shot of a computer code

Description automatically generated

Q3. Find the sum of series 1+4-9+16-25+36

A screen shot of a computer program

Description automatically generated

A screen shot of a computer

Description automatically generated

Q4. Print the star pattern

given input: n = 5

output:

\*

\*\*

\*\*\*

\*\*\*\*

\*\*\*\*\*

A screen shot of a computer program

Description automatically generated

A screen shot of a computer

Description automatically generated

Q5. Write the logic to for incrementing Squared Number-Star Pattern.

Input Format : Take N as input of type integer.

Output Format : Print incrementing Squared Number-Star Pattern.

Constraints:

2<=N<=10

Sample Input:

5

Sample Output:

1\*2\*3\*4\*5

6\*7\*8\*9\*10

11\*12\*13\*14\*15

16\*17\*18\*19\*20

21\*22\*23\*24\*25

A screen shot of a computer program

Description automatically generated

A screen shot of a computer

Description automatically generated