enjoy the song!! Any shedback forms?



Agenda

1 Solve 11 problems

Q1) Gliven N as Enport, prent N stars? Ent n= scn. next ln+ e); Input: 4 for (Put 1:1; 1<=n; 1++) { 507 (" *"); Input: 3 Y

2) Gilven N as Input, print N#N square

Input: 3

* * * * *

* * * * *

* * * * *

Put n = Scn. next (nt ();

for (Put row = 1; row <=n; row++) {

for (Put col=1; col <=n; col ++) {

Sop ("*");

3.

soplat);

Row Col Output Cn=3]

1,2,3

1,2,3

1,2,3

3) Gleven Enput N & M, print a rectangle N#M

Enput: 5,4

Enput = 3,2

* * * *

* *

* * * *

* *

* * * *

* 1

* * * *

* * * *

Put n = Scn. next (nt ();

for (Put now = 1; row <= 1; row++) {

for (but col = 1; col x= m; col ++) &

Sop ("*");

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(c) algos

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Starr case pattern
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Sherbocks tabular method

Is Represent the output as a table

Pow	Stars	Row = = stars
ţ	1	1
2	2	outer loop.
3	3	
,	• :	
'n	V	

for (Put row = 1; row <=n; row ++1) &

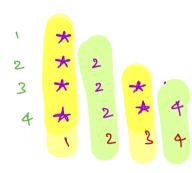
for (Pn+ st=1; 8+ <= 2000; S+++) &

Sop ("+");

sopln();

5) Grun N as input, print the following fattern Input=3 Input = 4

Observation



- add value of col. we print *

+ even value of column. We print col.

for (gut now=1; now <= n; now ++) &

for (Put col =1; col x= row; col ++) {

ef (100) % 2 = =0) {

ll even sop (col);

else &

80p ("*");

Observe

$$N=4$$
 $N=2$
 $N=5$ $X=3$
 $N=3$ $X=1$

7) Given N as Enput, print the following pattern

S	lherbek	۲,	tabular	Meth	ba	n=4
	γνω		stari		sum	
	ı	+	4	2		(n+1)
	2	+	3	a	5	
	3	+	2	٤	2	
	4	t	1	÷	5	

+ stars = n+1

for (but nom =1; nom <=n; nom+1) & for Clint

g

sopin(); for (int st=1; St <= (n+1-row); St +) } 80p ("*");

Pattern with spaces

&) Given N as Enput, print the following pattern.

n=3 N=4 * • • * * • • * * • • *

Sherbocke table - according to now spaces wary

Cn=4) spales N -> we print * 9n beginning and end 2 + 2 = 4

now + spaces = N

4 + 0 = 4 Spaces = N-mw for ("nt row="; row <=n; row +t) &

Sop (" * ");

for (PNt Sp=1; Sp <= N-row; Sp+t) &

Sop (" ");

Sop (" * ");

Sop (n ();

197 Given N as Puput, print the following output

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

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

Shortocks table [n=4] row 841 St2 1 4 4 2 3 3 3 2 2 4 1

St1 = N- 7000 +1

24 7000	SOW	Space
2	+ 1 2	2 /42
4	2	2 1
6	3	4
8	4	6

Star =
$$n - row + 1$$

Spaces = $2rrow - 2$
Star = $n - row + 1$

9nput = 3

Sherlocks table

** * * * *

Ch=4]

			star
24 70W	mw	space	
2	, ,	3	1 +2
4	* \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2	3 +2
6	¥ 2 +	(5 🗸
a a	4	0	7

row + space = N

Space = N - row

2 x row = (+ax+1

Star = 2x 80W -1