Pattern Pointing 2

=> Warm up problem?

n = number d = digit

=7 32

ii) n= 32 d= 5

2) 320 + 5 D 325

2) 30 + 2 => 32

Ans 3 325

 $\begin{array}{c}
iii \\
0 \\
0 \\
0
\end{array}$

2) 3250 +1 => 3251 1. > 3051

An 2) 3251

nx10 + d =)

Q.1) number = 1523 generse > 1 It No string operations have 3251 2) All digits of number 2) 1523 n = 1523while n >0: -dig = n .1-10 n⁰ = n // 10 nev = nev ×10 + dig 9) nx10 +d 22 0x10 + 3 2 3 3 x 10 + 2 3) 32 =) 32×10 +5 2) 325 2) 325 X 10 +1 2) 325 1 2) n > 0 = 3 D) 11x10 +3 => 0/x10 +3 => 3

Pattem;

n = 5		
ċ	Stax	Spaces
, • • • *	1	(n-i) 4 (5-1)
2 0 0 * *	2	(n-i) 3 $(s-2)$
3	3	(n-i) 2 (5-3)
4 × * * *	4	(n-i) 1 $(r-4)$
*****	5	(n-i) 0 (s-s)

- i) No. of row
- ii) What is in each sow
- iii) Relationship blew som & what's inside it
- iv) Sum up all
- => for i in range (1, N+1):
 # for spaces-

for ; in range (N-i):

point ('-', end = '')

for k in range (i):

point (at, end = '1)

point ()

print()

Next pattern:

ċ	stans	, x (in) Spaces
\	3 n-i+1	2 * (i-1) Spaces 2 * 0 2 (i-1)
2 大大	2 n-i+1	2x(1) 2 2 (i-1)
3 * • • • *	1 n-i+1	2x(2) 4 2 (i-1
1	n-i+1	2 (i-1)

No. of some
$$= N$$

stars $= N - i + 1$
spaces $= 2(i-1)$

(Lower pat n = 3Stan spaces 2x(n-i) 夕 • • 皮 2 2 x (3-2) 女 女 📗 🛚 & 农 3 京庆大大大 2 × (3-3) 3 29(n-i) N0-Mo. No. full Hollow Diamond: × * * * * * * K X . . . * X 女女 - 女女 女女 女女女女