Palindrome	
if Number EQUALS  Its a Palindrom	
else Its NOT Palindre	
Fun ction	int main()  ( Read number  Exercise member
Return type of Jundion	Erran
data type > < function name or d	
function header	Set of statements

line Count > 3 Printing Patterns Lina No > & XX3 \* stars Printed > D191 \*\* 32+8 \* \* \* --- 3 \* \* \* \* \* \* \* → 💮 \* \* \* (1) Get line count - how many lines to point. - scanf ("% d", & line (ount); 2) Set lineNo to 0. 3 lineNo =0; 3) Repeat tollowing steps while while (lineNo & lineNo NOT EQUALS line Count)?

1 = line Count)?

lineNo=

lineNot):

Set stars Printed to O. Sters Printed @ Repect following steps while alle (stars Printed Stars Printed NOT EQUALS Wine No starsPrinted De Print new Wine - print ("\ni") }

Solf

De Solf

Cone No ) & Print new Wine - print ("\ni") }

De Solf

De Solf 1 Start 3 spaces b 10 b \* → ① ₩ ₩ \* → ② 2 Strol 2 Spacus b \* \* \* -> 3 3 Start 1 Space 4 Strob \* \* \* \* -> (4) O Space

line Count - 3 米中全 une No > Ø ± 23 女米女 space Printed > &XX ØXO \* × X stars Printed > DX DXDD XX3 - how many lines to 1) Get line Count boint. ₩ O' 2) Set line NO 3) Repeat tollowing steps while lineNo NOT EQUALS line Count De Increment line No space (4-1) Set space Printed to O.

Printed 20: (4.2) Repeat to lowing steps while

space Printed NOT GAUALS

while (space Printed line No) ( line Count - line No) space Printed = Aig Increment space Printed

Space Printed = Aig Increment space Printed

Space Printed = Aig Increment space Printed 3 set stors Printed to O. @ Repect following steps while Staro Printed NOT EQUALS WINEND (2) Point "\* @ Increment steroPrinted by 1.

9) Print newline. (5) SH Vine No L IT d d d bb 1 12 1 B ( 2 13) 2 \_ lime No 4 234321 P P P T P P P T PPPT b b 1 2 1 B B 1 b b 1 2 b 1232L

> Line No - 234 Cress NonXDXXXXXXX

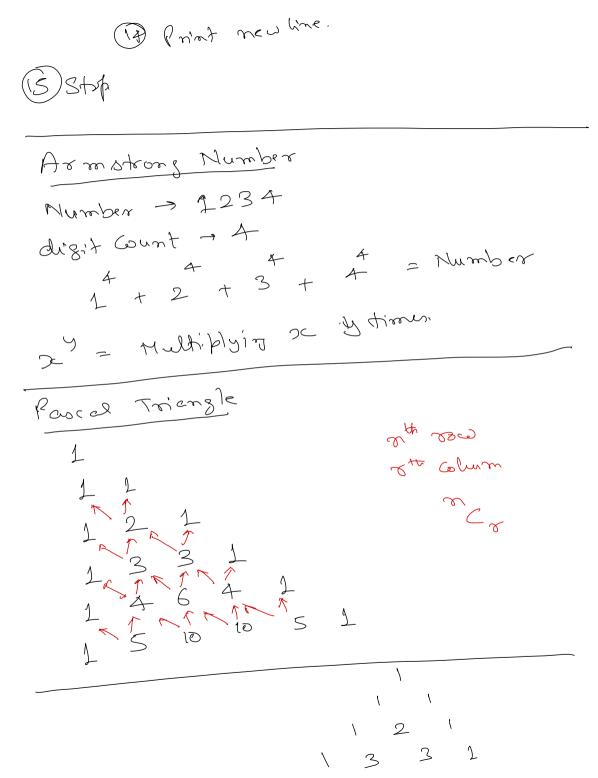
1234321

b 123

1234

H 1

OGA line Count - how many lines to
beint,
2) Set limeNo. to 0. 3) Repeat following steps while lineNo NOT EQUALS line Count by 1.
A. Increment line NO.  Set space Printed to O.  Repeat following steps while  Space Printed NOT EQUALS  space Printed NOT EQUALS  Space Printed NOT EQUALS  Space Printed NOT EQUALS  A.D Print  [4.3] Print  [4.4] Increment space Printed  Dy 1
(3) Print "I"  (5) Set cure No to I.  (6) Set cure No Not EQUALS Line No)  (7) Repeat following steps cabrile  (8) Increment cure No by I  (9) Print cure No.
(1) Set cure No b line No - 1.  (1) Repeat following oteps while  ( work > 0)  (12) Print work o.  (3) Decrement work by 1.



Print number digits in word
Number -> 243 A:24  24 DIV 10 TR: 4  2+3 DIV 10 TR: 3  2 DIV 10 TR: 2
Three Four Two Reviso 7 342
D Get No. (1.5) Find digit Count of No.  (2) Reverse the no.  (3) Repeat to lowing steps while (no > 0)  (4) digit = remainder no DAV 10  (5) if digit EQUALS I then
10 · 10 ·
(2) Decrimen
8 Print "2000 digit Count times.
No 3100 Rev 31

Array - Is a variable that can store multible ralues of same type. O Get a number. @) Repect following steps while (mamber >0) 3) digit = Remainder number DIV 10 @ Append digit to digits Accordi 5) number = quotient number DTV 10 (6) Set cure volue to last element of creed. (7) Repect following while all array elements
are not processed. & ct case rope & I seem ... a) Set one volu to pour value et are. I Number - 243 24-20 Two Four digit Acocy = [3/4/2] Q:2 27711078:2 digit > 342 243 DFV 10 +R 3 cun Value 72 X Z

mit digit Array [10];

O 1 2 3 4 5 6 17 18 19

The subscript spercher to accent array elements.

<data type> <are y Name> [ < size> ];

digita Acray [3] = 5;

Std:: Stoing is = "hello". Ct.

> == s.length()

< != s.append(i)

s[0] = 'a';