Dundahing

Lecture - 23

Functions in C

Pagramming in C

- Tokens & Identifiers Datatytes 4 hiteraly Landitional - if, if-else, if-else it-else etc

\$ 25 to 30% of the syllabors & Basius

Cheaning officers er A Junction in a set of Principal -> Teacher -> Student instruction code which is Program Management Teach 2 Authorization Written to perform a specific task or set of tasks in a programming => the Euror (Identification) La there is a parentheres () at the end of a fraction name. Ex main (), April (), pow () etc

tunctions - Vient & Defined & header files Build-in In the fis that are fre-defined within the header files. > we can directly apply them by including theader tile. En: < stdio.h > = | brintf() <math.h> < taking input Sgrt () J Ine Olefined pow () Mira =) 151 John nyer DIM() Assign the input to (m) the memory address)

function (Built-in) -> declare in Header

[fre-compiled] tile 4 we Can accens User defined function: Programmer Is the function that are defined by the user. -> Programmer writes the function for Custom use. Manisal hunger -(Assigned) Call Servord time and an still work hy cleaning

Inder 40 Call - on loff tan — Topic Nome Z 171 Page No Revolve Tokens 04 delare declare Identifien 06 unction The topic tokens is defined in Page No. 4 of the book "c". Definition declaration ENIJUII चित्र कारीकत Present Juture

Indez In Definition the function must defined before main()

function without declaration defined 10-25 37 - 8c * अगर फालन पहले के पाने आहित है ते उनसे हम Index बना अवने है। X & we already frepared on Index the we have to define each & declare Every function written in index.

If we are defining a function after main(), the we have to declare the function before main() f(x); declare Aalx); e Main ()? Yetom 0; $f(x) = x^2 + 2x + 1$ $\alpha(x) = x + 2$ define

return 0;

S(a) = a + 3 $S(a) = a^2 + 2$ $S(a) = a^2 + 2$ * It we already define the function before main () the we don't need to declare these function