Lecture 02:

C-Brogramming

Steps in learning Clanquage English

La Alphabets -> Words -> Sentences -> Paragraph Brogramming Language La Alphabets, Digitz,
Special Symbols Constants,
Variables,

Trogram Key words

Character Set

he C Character Set: A)BCD * A Character denotes any alphabet, digit on Afecial Characters (symbols) used to represent the information String Character Allowed Characters & Symbol in C Alphabets -> A,B...Z, a,b... 3 (urley braces Parantheses of Square Brackets Digita -> 0, 1, 2, 3, 4, 5, 6, 7, 8,9 Underscore >:; "'<>, ?/

Column Deni-Column

.

lokens: Les The Smallest individual units are Known as Tokens. Token # include < stdio. h > Token 6 types of Tokens - 1th main () & Token a) Identifiera 5-1 Ha 21511 ans b> Key words Ayzans worm agus & c) Constants d> Strings e) Special Symbols 1) Operators

Keywords: Is Reywords are the reserved words by the Compiler. -> They have their Special Meanings. -> We Con not use the Keywords to set a Variable, Constant, function name etc. -> There are 32 keywords in Clanguage. break Case char Const Continue défautt de double enum else extern float for goto if int long return register Short Static Struct Switch typedet union Unsigned Void while size of

* keywords are always in lower-case & small letters

Identifiers:

Solentifiers:

Solentifiers are the name of Variable, Constants, function, amongs etc.

Letter-defined

Letter the identifiers

> The identifier are defined against a set of Rules

Mules to declare an Identifier		
or Rules to declare variable	Names	
An Identifier Can only have Es ABC 123, ALB2C3	alphabet + Numbers (a to 3) (A to 2) (0 to 9)	Underscore is Considered as an
The first letter of the identify Can not be a number Ex ABC 123 - Allowed ABRY - Allowed	jer must be an alphabet	or under scare.

A Identifiera are Case sensitive.
Les 9t can determine capital & small letters
Les Compare

Exiaditi, Aditi, ADITT, adiTi, AdItI all are different

** Keywords are Not allowed to setting up an identifier for = 50; — Not allowed **X=50; — allowed

* No Special Characters (except Underscore) are allowed.

L Symbols including Whitespace

* Compiler (an recognise only first 31 Characters of an Identifier allowed

Valid and Invalid Identifiens: Student Name - Valid SuB < Valid Total_Marks = valid \$addrers \ Invalid

Lough

Special Character

allowed

Lough

Special Character YRM - Valid First Name = Involid
No Space allowed

Return are different Return - Valid undersone neturn - Invalid Le Metron is a Reyword J- ~ Valid