(-146 => Introduction to Pre-processor in c Preprocessor Directive (#include) * Preporocessor is a priogram; it is not a part of compiler. * But it is a step in compilation process. * The function of prepriocessor pologram comes before the compilation process for any (.c.) files. * when you compile any C file (filename.c) by clicking Compile button; than before Compiling powers the function of preprocessor takes place. * So preprocessing is just a step in Compilation process but it is not a part of Compilation process. * Prepoecesoon is also called as test substitution tool. # include (stdio, h) priprocessor directive/command which gives direction to prupro assor programs.

* # will be understood only by preprocessor but
compiler do not industrand.

* So before compilation process the action of

* So what will this preprioacoor do? It will serpand our sourecode (frist.c) by by including the (statio.h) fur to our source file.

L>89. → include LStdio. A)

preproceedinating give direction to preprocessor which will expand the source code by including statio. It file into the source code.

La Soura Code is ours corregram eg: foist.c. Source code (first.c) Stoliah # include (State. B) -462000 Autafor pryviousson enganded sowne code (first.c) [[A. ailolo] John (1) St-dio, A

include (Stolio. 8) # would Labring h> # define PI 3.14 > mavo substitution. string. h Stdio. 1 Source code (first.c) Disched (Stdio. A) # defini PI # Include & String. A> # define PI 3.14 3.14 int mains reproveded expanded Joseph Code (first.c) # include & Stolie, A & # Trictude & String this 5 String 1 # defin P\$ 3/4 13 B → 3·14+ int mais 1)

* So the preparar program function will be done before compilation and the compiler will compile only the expanded source cade and have use tell preparage or street autitation that the with files like stock, string A etc.

* Three are different types of prepriocessor directives like given below; 5#4 5 # else 4 # define -> to define movie L> # winder → to undefine macro 5 # elif → # priagma → to give special commands 5# include → to include a file * # wolude we can include in two difficunt ways. 4 include (Stolio. A) ② > # include "support. c" > it will get Separati file from local divictory and that file will get included in source code. # exclude "C:N ---- | support .c" -> it will get the get by its post

and then included in source look

