Roshan D. Avhad. DevOps 21111006 Assignment - 02 the process of creating an executable binary file from a c file involves steps i) preprocessor (code.c -> code.i) 27 Assembly code (code. i-7 code.s) 3) Object code (code.s -> code.o) 4) linker (ode. 0-7 aout) que remove allocomments, and replace 1) preprocessor the include heading files statements with the actual content of the header files are like Different types of header files are used like stdio.h, math.h, etc. The command to see the preprocessed code is jud geel-Ercodere After generating the preprocessed C source code, the E source code is sent to the compiler section. 2) The compiler will convert the code code.s. The command to generate the assembly code is gec-s code c header fires have been converted to a short and optimized way.

la luseres de creating un eneculation code.c -> code.i -> code.s Gremoved comments, (assembly code) added header file 222001999 (2. abos contents and more) Choos (-0.000) entries (Unker code.0 Line de l'en coute marine Colégeet code) (code of objectcode ebulai od the oction bour furth or of the feeder files es 3) The assembler converts assembly The command to generate object code gee - c'algoode de dinking The linker countines the deject files into a single executable binary file. The compiler has no idea about the working of the functions like scant, prints the information of cach of those functions is kept in the conversionaling

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library. The linker does the The Goal of linker is object file to the library so that the programme run as an inecutable file	to link the may be
To create the final enecutal	
gce code.c.	