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① Software Reverse Engineering is a process of recovering the design, requirement specifications and functions of a product from an analysis of its code.

② It builds a program database and generates information from this.

③ The purpose of reverse engineering is to facilitate the maintenance work by improving the understandability of a system and to produce the necessary documents for a system.

④ Various steps involved in reverse engineering are

i) collection Information

ii) Examining the information

iii) Extracting the structure

iv) Recording the functionality

v) Recording data flow

vi) Recording control flow

vii) Review extracted design

viii) Generate documentation.

⑤ If ~~done~~ ^{done} manually, reverse engineering would consume lot of time and hence there are various tools like CIAO & CIA, PBS, figi etc. to implement it.