

Assignment - 1 //

→ why do computers understand only binary language?

→ act In computer RAM plays a important in operation. it is not permanent memory. when we do operation in computer it put go to RAM memory where RAM is made up low capacity capacitors. which in RAM there may be maximum number of capacitors

capacitors having only two state charge & discharge. or on & off. where on is represented in 1 & off 0

if we say 6 in number value there it can be converted to binary 0101 so the computer only understands binary language.

2) what is the full form of IDE?

IDE → Integrated Development Environment

3) what of difference b/w a text editor and a code editor?

text editor → text editor (notepad) will not recognise the program. what write.

code editor → to same as (t.e) this will the understand the what is write.

4) what are steps to develop software using the C language?

a) Requirement of code editor  $\rightarrow$  write the program in which is understood the program

b) Debugging tools  $\rightarrow$  testing of program using fixed tools

c) Build tools.  $\rightarrow$  preprocessor, compiler, linker

5) what is latest version of C language?  $\rightarrow$  C17 / June 2018

b) who developed C language?  $\rightarrow$  Dennis M. Ritchie.

c) what is the difference b/w system & application software?

$\rightarrow$  System software is used for operating computer hardware, on the other hand application software are installed according to user's requirement.

d) How to convert a number from decimal number system to a binary number system?

eg: 85

~~10000101~~  
 $10^7 \ 6^4 \ 3^3 \ 16 \ 8 \ 4 \ 2 \ 1$   
 0 1 0 1 0 1 0 1  
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