18. The four steps are preprocessing, compiling, assembling, and linking. In preprocessing, the source code is taken in and an equivalent c code is generated by performing operations like removing comments. When compiling, the complier turns the preprocessed code into assembly code for a specific processor. Then the assembler in assembly converts the assembly instructions into processor-dependent machine-level binary object code. In linking, the linker takes one or more object code files and produces a single executable file.

19. The return type of main is determined by the data type assigned in front of main. If it is int main(void) {----; return 0;}, the return value is 0 which is int as is define before main.

21. Text

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27. I would take individual function as a module, then making it the main function and execute to see if each module can produce the expected value. I would also take a look into global variables and libraries which can potentially cause the problem as well.

30. A picture containing text

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31. 

32. Text

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