30-Day C Language Learning Plan

Day 1: Introduction to C, Setting up Environment

  1. Hello World

  2. Print name and age

Notes:

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(1) STRUCTURE OF A C PROGRAM :-

```
#include <stdio.h>   →   PREPROCESSOR DIRECTIVE
   int main() {      →  MAIN FUNCⁿ CODE

         return 0;   →  EXIT STATUS

   }
```

(2) IMPORTANT FUNCTIONS :-

  ↳ printf() : used to print output

  ↳ scanf() : used to take input.

(3) DATA TYPE AND VARIABLES

int → integer   float → decimal number

char → single character   char [] → string (array)

    char grade = 'A';

        char name [20] = 'Purvi';

(4) COMMENTS :- explains code, ignored by compiler

    single line : //

    multi line : /* ... */