

30-Day C Language Learning Plan

Day 2: Variables, Data Types

1. Declare and print int, float, char
2. Sizeof each data type

Notes:

① VARIABLES:-
↳ name
↳ stores data
↳ can be changed during program execution
↳ Before using a variable it should be declared with a data type.

② COMMON DATA TYPES:-

int → integer → %d.

float → decimal no → %.f

char → single character → %c

③ sizeof() operator

↳ used to find how much memory a variable or data type occupies.

Ex:- #include <stdio.h>

```
int main() {
```

```
    int a;
```

```
    printf("size of int: %d bytes\n",
```

```
           (int) sizeof(a));
```

```
    return 0;
```

```
}
```