

21/11/22

Question of the day

Language: C

printf AND scanf

Qn.

What is the use of `printf()` and `scanf()` functions? Also explain format specifiers?

Ans.

- `printf()` is used to print the output on the display.
- `scanf()` is used to read formatted data from the keyboard.

Some datatype format specifiers for both printing and scanning purposes are as follows:

- `%d`: It's a datatype format specifier for printing and scanning an integer value.
- `%s`: It's a datatype format specifier for printing and scanning a string.
- `%c`: It's a datatype format specifier for displaying and scanning a character value.
- `%f`: The datatype format specifier

%f is used to display and scan a float value.

eg:

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int age = 0;
```

```
    printf
```

```
    puts("Please enter your age: ");
```

```
    // to accept from keyboard
```

```
    scanf("%d", &age);
```

```
    printf("the age value you entered is: %d", age);
```