1. The scanf() will get the input from the user an assign it the variable address.

The printf() will get the value of the variable and print it as an output.

1. Yes it does require format string.
2. %d = integer

%f = float

%s = String

%c = Single Character

%p = pointers

1. Where passing variable to scanf the address of the variable will be passed as use “&” symbol in front the variable like

Eg:-

scanf(“%d”,&num);