Lesson 80 Practice 21 (sprintf sscanf)

When you work in a large company, or if you study the entrepreneurship course on the site and make a company, in both cases there will be a large number of employees working on the same program, but each programmer has a dedicated part of the code to work on, for example if we have 10 programmers working on the same code, each programmer has a part that he controls, he can read the data and use the rest of the codes, but it cannot be modified. You can read the rest of the parts of the other codes, but you cannot modify them.

We will learn more about this topic in the object-oriented **programming Course.**

In this lesson we want to take an example of if we have a set of data that we can read but we cannot modify and we need to read and print it differently

char data[] = "Gammal, tech, www.gammal.tech";

We need to read this string and print it on the screen:

g in gammal should be capital

t in tech should be capital

we need to https in the link because it is secured.

How to do that?

```c
#include <stdio.h>
char data[] = "gammal, tech, www.gammal.tech";
nt main() {
char x1[20], x2[20], x3[20], new_data[100];
//we defined 3 variables
//we defined string new_data that will contain the new string
sscanf(data, "%s%s%s", x1, x2, x3);
//we record each word in a variable
// using the separator : space
x1[0] -= 32;
x2[0] -= 32;
//make the two letters capital t and g
sprintf(new_data, "%s %s https://%s", x1, x2, x3);
//add the https
printf("%s\n", new_data);
//we add the 3 string to the new data
}
```

output:

Gammal, Tech, https://www.gammal.tech

Try the code : <u>Click Here!</u>