



## Lesson 68 Read Line

In the previous lesson, we learned how to `scanf` for a word and then for all the words inside the file.

But in this lesson, we will learn how we can **scanf** for an entire line from the screen. If we want to **scanf** for a letter, we use `%c`, and for the word we use `%s`, but if we want a line, what determines that the line is over, we would press **Enter** after typing the word to be entered into the program, **Enter** for the computer is `/n`. So we want the computer to record all the characters on the screen until it finds `/n`.

```
char x[50];  
scanf("%[^\n]", x);
```

To `scanf` for a **line**, we write `%`, then parentheses `[ ]`, then inside them the `^` xor sign, then followed by the letter I want the computer to stop before it.

```
#include <stdio.h>  
  
int main() {  
    char x[50];  
    printf("Type something: ");  
    scanf("%[^\n]", x);  
    printf("\n\n %s \n\n", x);  
}
```

**input:**



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**output;**

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An example of the last letter we want to stop at:

```
#include <stdio.h>
int main() {
char x[50];
printf("Type something: ");
scanf("%[^\w]", x);
printf("\n\n %s \n\n", x);
}
```

**input:**

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**output:**

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