C Language

Chapter # 10

Input and Output

Lecture: 20

Today's Lecture

► **Escape Sequences**

Escape Sequences

► **Escape sequence are special characters used in format string to modify the format of output.**

► **These characters are not displayed in the output.**

► **These characters always begin with backslash "\".**

► Different Escape Sequences used in C languge are as follows.

Escape Sequence	Purpose
\b	Backspace
\f	Form Feed
\n	New line
\r	Carriage return
\t	Tab
\'	Single quote
\"	Double quote
\\	Backslash

\b

- This escape sequence is used to insert backspace in the output.

Example:

Printf("Hello\bWorld");

Output:

HellWorld

\f

- This escape sequence is used to insert blank paper in the output. It is called form feed.

Example:

Printf("Hello\fWorld");

Output:

Hello

Then include a blank paper.

World

\n

- This escape sequence is used to insert new line in the output.

Example:

Printf("Hello\nWorld");

Output:

Hello

World

\r

- This escape sequence is used to move the cursor at the beginning of current line.

Example:

Printf("Hello\rWorld");

Output:

World

\t

▶ This escape sequence is used to insert a TAB in the output.

Example:

Printf("Hello\tWorld");

Output:

Hello   World

\'

- This escape sequence is used to display single quotes in the output.

Example:

Printf(" \'Hello World\' ");

Output:

'Hello World'

\"

► This escape sequence is used to display double quotes in the output.

Example:

Printf(" \"Hello World\" ");

Output:

"Hello World"

\\

- This escape sequence is used to display single quotes in the output.

Example:

Printf(" \\Hello World\\ ");

Output:

\Hello World\

Example 10.11

#include<stdio.h>

#include<conio.h>

main()

{

    printf("Pakistan \t is \t my \t Country \n Islamabad \t is \t its \t Capital.");

}

Output:

Pakistan	is	my	Country
Islamabad	is	its	Capital.

The End

Read this topic from your books and ask question if any confusion.

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