Escape sequences in C

An escape sequence is a series of characters that represents a special character. It begins with a backslash character (\), which indicates that the character(s) that follow the backslash character should be treated in a special way. C uses escape sequences within a format string to print certain special characters. For example, \n moves the output position to the beginning of the next line. The following is a list of escape sequences.

Escape Sequence	Meaning
\a	Alarm or Beep
\b	Backspace
\f	Form Feed
\n	New Line
\r	Carriage Return
\t	Tab (Horizontal)
\v	Vertical Tab
\\	Backslash
\'	Single Quote
\"	Double Quote
\?	Question Mark
\nnn	octal number
\xhh	hexadecimal number
\0	Null

You will get an idea of using the above escape sequences from the following example.

```c
/********************************************************************
                        Online C Compiler.
             Code, Compile, Run and Debug C program online.
 Write your code in this editor and press "Run" button to compile and execute it.

********************************************************************/

#include <stdio.h>

int main()
{
    printf("Create a new line\n");
    printf("Print a double quotes (\") within a string\n");
    printf("Print a single quotes (\') within a string\n");
    printf("Print a Backslash\\ within a string\n");
    printf("Using Backspace\b within a string\n");
    printf("Using\tTab within a string\n");

    return 0;
}
```

```
Create a new line
Print a double quotes (") within a string
Print a single quotes (') within a string
Print a Backslash\ within a string
Using Backspac within a string
Using    Tab within a string
```

```
main.c
  1  /***********************************************
  2  Statement -  \a escape sequence
  3  Written For - PRE-CAT COURSE by CCATPREPARATION.COM
  4  ***********************************************/
  5  #include <stdio.h>
  6  int main(void)
  7  {
  8      printf("My mobile number "
  9              "is 9\a9\a9");
 10      return (0);
 11  }
 12
```

```
My mobile number is 999
```