

# PHP Programming

## COMP203TH

### Lecture: 4

#### Escape Sequences in PHP

##### Escaping Special Characters:

Escape sequences are used for escaping a character during the string parsing. It is also used for giving special meaning to represent line breaks, tabs, alert and more. Escape sequences are started with the escaping character backslash (\) followed by the character which may be an alphanumeric or a special character.

- If it is an alphanumeric character, it gives special meaning to represent the line breaks \n, carriage return \r etc.
- If it is a special character, then it will be considered as it is during the string parsing.

Some escape sequences include:

Sequence	What it represents
\n	A line feed character
\t	A tab
\r	A carriage return
\"	A double quotation mark
'	A single quotation mark

When the parser encounters one of these escape sequences, it known to replace it with the corresponding value before sending it to the output device.

Example:

```
<?php
```

```
echo "You said \"Hello\"";
```

```
?>
```

In this example, PHP knows that the quotation marks preceded with a backslash are to be printed “as is” and it will not confuse them with the quotation marks that signal the beginning and end of a string.