

CMPS 3680 Homework 4

Spring 2026

HTML Forms and PHP

- [HTML5 input types](#)
- [HTML5 form attributes](#)
- [Handling GET/POST requests with PHP](#)
- [Server side validation](#)
- [PHP sticky forms](#)

Regular Expressions

- [Overview](#)
- [preg_match](#)
- [preg_grep](#)
- [preg_split](#)
- [preg_replace](#)
- Building & testing regex: <https://regex101.com/>

Regex Examples

[abc]	A single character: a, b, or c
[^abc]	A single character OTHER THAN a, b, or c
[a-z]	Any single character in the range a-z
[a-zA-Z]	Any single character in the range a-z or A-Z
^	Start of line
\$	End of line
\A	Start of string
\z	End of string
.	Any single character
\s	Any whitespace character
\S	Any non-whitespace character
\d	Any digit
\D	Any non-digit
\w	Any word character (letter, number, underscore)
\W	Any non-word character
\b	Any word boundary character
(...)	Capture everything enclosed (capture group)
(a b)	a or b
a?	Zero or one a
a*	Zero or more a
a+	One or more a
a{3}	Exactly three a's
a{3,}	Three or more a's
a{3,6}	Between three and six a's