

# Lesson25

## PHP Basics

# Get parameters

- `app.test/index.php?firstname=John&lastname=Smith`
- `?` - reversed character in URL. It indicates where the query string starts
- URL encoding - when url encoded "Hello world?" Becomes `Hello+world%3F`
- Why we need URL encoding ? Long answer: RFC - <https://www.ietf.org/rfc/rfc2396.txt>
- `urlencode(string $str)` - encode string
- `urldecode(string $urlEncodedString)` - decode string
- All parameters you access via `$_GET` and `$_POST` already decoded
- Docs: <https://www.php.net/manual/en/function.urlencode.php>

# Refactor website to PHP

- Use “include”
- Use “”

# Web - forms guidelines

- Make sure that data you try to transfer with forms made with correct request type (GET, POST)
- Accept data transferred by web-form
- Make sure that data from web form came with values
- Validate data what came from user ( filter and sanitize if needed)

# Cookies

- Cookie is a small file that the web server stores on the client computer
- Http is stateless protocol - cookies allow us to track the state of application using small files stored on the users computer
- `setcookie()` - php function to set user cookie file
- Doc:<https://www.php.net/manual/en/function.setcookie.php>