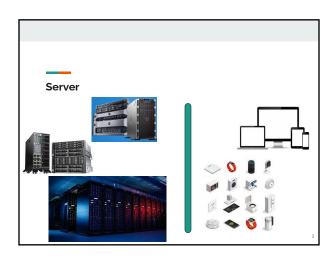
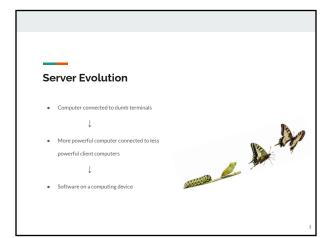
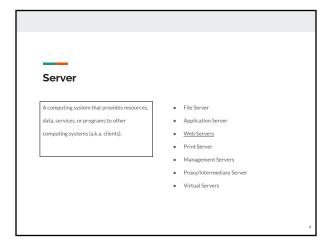
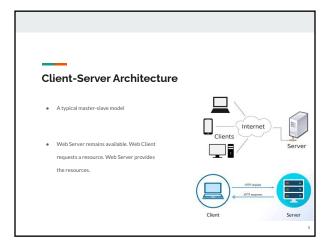
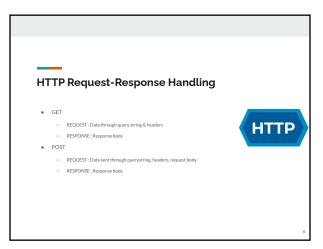
o6 Server-side Programming (MCA) CSA-507 Web Development Jarret S.A.F. Goa University 2023-24



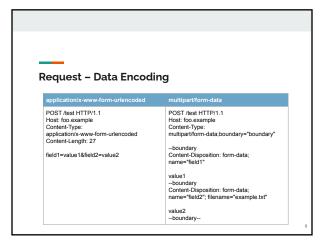








GET & POST w.r.t. Data Characteristics YES Usually NO Cacheable Data Size Limitation YES (limited to url length) NO application/x-www-form-urle ncoded or multipart/form-data or text/plain (or text/json)* Data encoding type (MIME-type) application/x-www-form-urle ncoded Data Type Restriction Only ASCII NO YES Data in Request body NO



Encoding in a web form

Encoding the form

• Encoding the form

• *form action="faction_page.php" method="post" enctype="multipart/form-data"> */form>

• Encoding form element

• *input type="submit" formenctype="multipart/form-data" value="SEND">

• Overrides the former

File Handling

• File storage

• File server

• Binary files in database

• File upload/download

• PUT method

Session Management Session each live connected instance between client-server Session Data Implicit session ID* Server session data variables Cookies/ LocalStorage/SessionStorage in client

Database Transactions

Client connects through server side scripts to transact in DB

Database abstraction layer / API in Server side scripting

Database driver for implementation

Database, usually a process on a system

SQL injection and prepared statements

Libraries, Templating Engines & Frameworks



- Library
- Template Engine
- Framework (MVC)

.3