| constants, variables                                    |  |
|---|--|
| data types: string, number, array, object, hash         |  |
| Operations ( +, *, /, %, ==, &&,)                       |  |
| conditional (if else, switch case,)                     |  |
| General programming loop (while do, for,)               |  |
| knowledges functions (methods)                          |  |
| Array, Linked list                                      |  |
| Data structures Stack, Queue                            |  |
| MySQL Data Types  |  |
| MySQL Create Database                                   |  |
| MySQL Create Table                                      |  |
| MySQL Primary Key                                       |  |
| MySQL Unique  |  |
| MySQL Auto Increment                                    |  |
| MySQL Foreign Key                                       |  |
| MySQL Table Types & Storage Engines                     |  |
| Lệnh cơ bản như INSERT-DELETE-UPDATE-DROP-ORDER-BETWEEN |  |
| 3 loại liên kết   |  |
| <b>Database</b> Query cơ bản, lệnh Join trong DB        |  |
| object, class, property, method                         |  |
| public, protected, private;                             |  |
| abstraction, inheritance, encapsulation, polymorrphic   |  |
| Abstract Class  |  |
| <b>OOP</b> Interface                                    |  |
| Model   |  |
| View  |  |
| Controller  |  |
| MVC Workflow  |  |
| request, response, header, body                         |  |
| HTTP methods (GET, POST, PUT, DELETE, PATCH)            |  |

| Algorithm | Sort, search      |
|-----------|-------------------|
|           | HTML, CSS, JS     |
| Other     | Command line tool |