

# i-Nate Education

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**Building blocks of PHP:** Basic syntax, Variables, Data Types, Operators and expressions, Constants. Flow Control: Switch flow, Loops, Code Block, Sending data to the browser.

**Working With Arrays:** Arrays, Creating array, Array related Functions.

**Working with Function:** Function, Calling Function, Defining Function, Returning the Values from user defined function, Variable Scope, Argument.

**Working with Strings, Date and Time Functions:** formatting String with PHP, Date and Time Function, String Manipulation and Investigating Strings with PHP.

**Working with Forms:** Creating form, Handling form, Validating form data, Accessing form data, use of Hidden fields to save State, Redirecting user, file Upload and Sending Mail on Form Submission.

**Working with Cookies and User Session:** Introduction of Cookie, Setting a Cookie with PHP, Introduction of Session and Improving Session Security, Starting a Session, Working with Session Variables, Passing Session Id in the query String, Destroying Session and Unsetting Variables.

**Error Handling and Debugging:** General error types and debugging, displaying PHP errors, Adjusting Error Reporting, Creating Custom error handler, PHP debugging techniques .

**Filter:** Types of Filter, Functions of Filter, Validate the data with filter option and sanitize .

**Understanding the Database Design Process :** The importance of good database design, Types of Table Relationship, Understanding Normalization .

**Learning Basic SQL Command:** Table Creation, Insert row, Select Command Using Where Clause, Update and Delete Command, Replace Command, String Function, Date and Time Functions, Stored Procedures, Join, Indexing and Sorting query.

**Using MySQL with PHP:** Connecting to MySQL and selecting the database, executing simple queries, retrieving query results, counting return Records, updating, Record Addition, Viewing Record, and Deletion Record with PHP.

**MYSQL Error Handling:** SQL and MySQL debugging techniques.

**Connecting database with DSN :** ODBC Connectivity Function.

**Working with files:** Include Files with INCLUDE, creating and deleting files, opening a file for reading, writing or Appending, Reading from files, Validating Files.

**Working with Directories:** Directory related function.

**Working with Images:** Image related function. Miscellaneous function.