**<?php**

**####################### MODULE: DATABASE HELPER MODULE #######################**

**# 1. DATABASE CONNECTIVITY METHOD**

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**# 6. DELETE DATA FROM TABLE METHOD**

**##############################################################################**

**############### 1. DATABASE CONNECTIVITY METHOD ###############**

**# DESCRIPTION:**

**#       Method to establish the MySQL database connectivity**

**#**

**# PARAMETERS: None**

**#**

**# RETURN VALUES:**

**#       mysqli connection object**

**function establish\_connection(): mysqli**

**{**

**$connection\_object = mysqli\_connect(**

**DATABASE\_HOST,**

**DATABASE\_USER,**

**DATABASE\_PASSWORD,**

**DATABASE\_NAME**

**);**

**if ($connection\_object == False) {**

**exit();**

**}**

**return $connection\_object;**

**}**

**############### 2. DATABASE CONNECTION CLOSE METHOD ###############**

**# DESCRIPTION:**

**#       Method to close the MySQL Connectivity**

**#**

**# PARAMETERS:**

**#       connection\_object: mysql database connection object**

**#**

**# RETURN VALUES: None**

**#**

**function close\_database\_connect($connection\_object)**

**{**

**mysqli\_close($connection\_object);**

**}**

**############### 3. INSERT INTO TABLE METHOD ###############**

**# DESCRIPTION:**

**#       Method to insert records into table**

**#**

**# PARAMETERS:**

**#       connection\_object: mysql database connection object**

**#       insert\_query: string**

**#**

**# RETURN VALUES:**

**#       last\_id : int**

**function insert\_data($connection\_object, $insert\_query): int**

**{**

**$last\_id = 0;**

**$query\_response = $connection\_object->query($insert\_query);**

**if ($query\_response == true) {**

**$last\_id = $connection\_object->insert\_id;**

**}**

**return $last\_id;**

**}**

**############### 4. GET DATA FROM TABLE METHOD ###############**

**# DESCRIPTION:**

**#       Method to get the data from Table**

**#**

**# PARAMETERS:**

**#       connection\_object: mysql database connection object**

**#       insert\_query: string**

**#**

**# RETURN VALUES:**

**#       result\_set : array of records**

**function get\_table\_data($connection\_object, $select\_query): array**

**{**

**$query\_response = $connection\_object->query($select\_query);**

**if ($query\_response == true) {**

**$result\_set = $query\_response->fetch\_all();**

**}**

**return $result\_set;**

**}**

**############### 5. UPDATE DATA FROM TABLE METHOD ###############**

**# DESCRIPTION:**

**#       Method to update the data in Table**

**#**

**# PARAMETERS:**

**#       connection\_object: mysql database connection object**

**#       update\_query: string**

**#**

**# RETURN VALUES: Bool**

**#**

**function update\_table\_data($connection\_object, $update\_query): bool**

**{**

**$query\_response = $connection\_object->query($update\_query);**

**if ($query\_response == true) {**

**return true;**

**}**

**return false;**

**}**

**############### 6. DELETE DATA FROM TABLE METHOD ###############**

**# DESCRIPTION:**

**#       Method to DELETE the data in Table**

**#**

**# PARAMETERS:**

**#       connection\_object: mysql database connection object**

**#       delete\_query: string**

**#**

**# RETURN VALUES: None**

**#**

**function delete\_table\_data($connection\_object, $delete\_query): bool**

**{**

**$query\_response = $connection\_object->query($delete\_query);**

**if ($query\_response == true) {**

**return true;**

**}**

**return false;**

**}**