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<?php
/**
 * Database model for employee.
 * Inserting and Selecting based on controller statement
 */
include "env.php";

class DB {
    public $erMessage = "";
    private $pdo = null;
    private $stmt = null;

    // Establish connection to Database
    function __construct () {
        try {
            // Using PDO over Mysql since PDO works with more than just mysql
            // These same aspects can we rearranged for mysql instances
            $this->pdo = new PDO(
                "mysql:host=".DB_HOST.";dbname=".DB_NAME,
                DB_USER, DB_PASSWORD, [
                    PDO::ATTR_ERRMODE => PDO::ERRMODE_EXCEPTION, // Error mode to
                    use
                    PDO::ATTR_DEFAULT_FETCH_MODE => PDO::FETCH_ASSOC // Use
                    associative array instead of object
                ]
            );
        } catch (Exception $e) {
            die($e->getMessage());
        }
    }

    // Close connection with database
    function __destruct(){
        //Remove existing statements
        if ($this->stmt!==null) {
            $this->stmt = null;
        }
        //Remove pdo instance (close db connection)
        if ($this->pdo!==null) {
            $this->pdo = null;
        }
    }

    /**
     * Select Action
     * @return Array of objects or error statment
     */
    function select($sql, $cond = null){
        try {
            $this->stmt = $this->pdo->prepare($sql); // Prepare sql statemnt
            $this->stmt->execute($cond); // Execute sql statement with
            interpolated data
            return $this->stmt->fetchAll(); //Get selected items
        }
    }
}

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    } catch (Exception $ex) {
        $this->erMessage = $ex->getMessage();
        return false;
    }
}

/**
 * Insert Action
 * @return Integer of last added id or error message
 */
function insert($sql, $cond = null){
    try {
        $this->stmt = $this->pdo->prepare($sql);
        return $this->stmt->execute($cond);
    } catch (Exception $ex) {
        $this->erMessage = $ex->getMessage();
        return false;
    }
}
?>
```