

```
<?php
class mysql
{
    public function __construct($host, $username, $password, $database)
    {
        $this->setHostname($host);
        $this->setUsername($username);
        $this->setPassword($password);

        $this->connect();

        $this->setDatabase($database);
    }

    public function __destruct()
    {
        $this->disconnect();
    }

    public function setHostname($host)
    {
        $this->mysql_host = $host;
    }

    public function setUsername($username)
    {
        $this->mysql_username = $username;
    }

    public function setPassword($password)
    {
        $this->mysql_password = $password;
    }

    public function setDatabase($database)
    {
        $this->mysql_database = $database;
        mysql_select_db($database) or die(mysql_error());
    }

    public function getDatabase()
    {
        return $this->mysql_database;
    }

    public function connect()
    {
        $this->mysql_connection = mysql_connect($this->mysql_host, $this->
            mysql_username, $this->mysql_password) or die(mysql_error());
        $this->mysql_connection_open = true;
    }

    public function disconnect()
    {
        if(!$this->mysql_connection_open)
            return 0;

        mysql_close($this->mysql_connection);
        $this->mysql_connection_open = false;
    }
}
```

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}

public function query($query = "")
{
    if($query == "")
        $query = $this->mysql_query;
    else
        $this->mysql_query = $query;

    $query_ = mysql_query($query) or die(mysql_error() . "<br />" .
        $query);
    $tmp = array();

    if($this->numRows() == 1)
    {
        while($data = mysql_fetch_array($query_))
        {
            $tmp = $data;
            break;
        }
    }
    elseif($this->numRows() > 1)
    {
        $i = 0;
        while($data = mysql_fetch_array($query_))
        {
            $tmp[$i] = $data;
            $i++;
        }
    }
    else
        return false;

    return $tmp;
}
```

```
public function numRows($query = "")
{
    if($query == "")
        $query = $this->mysql_query;
    else
        $this->mysql_query = $query;

    $query_ = mysql_query($query) or die(mysql_error() .
        "<br />" . $query);

    return mysql_num_rows($query_);
}
```

```
private $mysql_host = "";
private $mysql_username = "";
private $mysql_password = "";
private $mysql_database = "";
private $mysql_connection = NULL;
private $mysql_connection_open = false;
private $mysql_query = "";
```

```
}
?>
```

