

Objects Enhancements

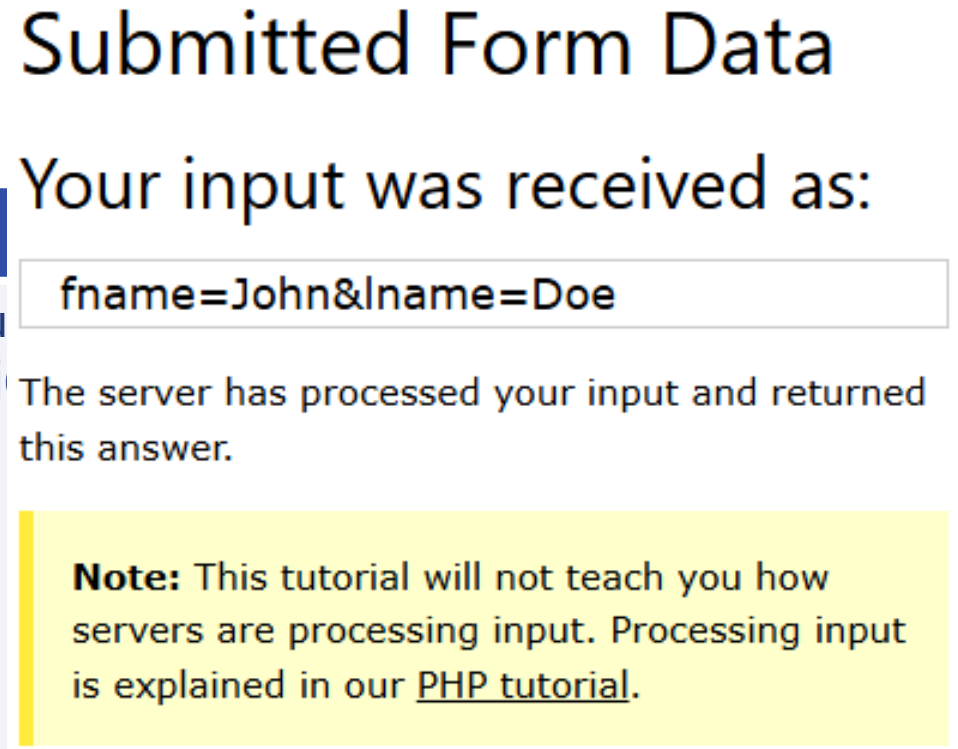
DireXions 2026

Objects – Array List

Object	Description
ArrayList	New methods added to help with data manipulation. **Clone()** - Returns a handle to an array list with identical values **Get(index1, index2)** - Gets a subsection of the array list, returned as an array list handle **Pop() / Pop$()** - Gets the last value in the array list and then removes it **Print()** - Prints the string representation of the array list **Remove_range(index1, index2)** - Removes the values within the given range **Reverse()** - Reverses the order of the array list **Set(array)** - Sets array list values to that of the given array list **Shift() / Shift$()** - Gets the last value in the array list and then removes it **String$()** - Returns a string representation of the array list **Swap(index1, Index2)** - Swaps the values at the given indices

Objects – *Browser

Object	Description
*Browser	New Post method that sends an HTTP POST requ was previously available in the Shell.Explorer obj Post(url$ [,postData$ [,headers$]]) x=100 def object x,@(10,10,60,80)="*browser" x'post ("https://www.w3schools.com/action_page.php","fname=John&lname=Doe","Content-Type: application/x-www-form-urlencoded")



Objects – Parse URL Object

Object	Description
ParseURL	New object extracts components and named parameter values from a URL. Various properties and methods make it easy to extract URL components and retrieve query parameter values by name or position. parse_obj=new(*obj/parseURL) x=new("*obj/parseurl") x'url$="https://pxplus.com/products?product=PxPlus&version=2026" print x'site$ >pxplus.com print x'arg$("product") >PxPlus print x'path$ >products print x'arg$("version") >2026

Objects – *Secure

Object	Description
*Secure	New methods and property support Authenticator App setup and time-based verification **New Methods** Secret_Code$(user_email$) - generates a QR code and a Base32-encoded secret Totp_Calculation$(secret$) - calculates the current time-based one-time password (TOTP) **New Property** Secret_Encoded$ - provides the generated secret