inHkx

Send the command packet into the Herkulex motor

Contents

Syntax

```
inHkx(sObject,packet)
```

Description

inHkx(sObject,packet) sends the command packet to the serial object in binary format.

- Data Format: A column (rows of depkGen(253, 03, '350101')cimal data), then send to motor using fwrite() function

Input Arguments

- sObject - serial port object
- packet - string

Function Codes

```matlab
function inHkx(sObject,packet)

    col = [];



    % Get two characters each iteration for hex to decimal conversion

    for i = 1:2:(length(packet)-1)

        hex = strcat(packet(i), packet(i+1));

        col = vertcat(col, hex2dec(hex));

    end
```

```matlab
    % Convert the column of decimals into binary and send to the motor

    fwrite(sObject, col);

end
```