JavaScript Assignment #4

**Part 1: Feeling Loopy**Start with A2P2 and check for bad input & re-prompt as needed using while loop

No screen shot needed.

[Paste your part 1 Code below – Make sure that ALL of your code is visible between the margins of this page]

<!doctype html>

<html>

<head>

<meta charset="utf-8">

<title>A4P1 by Frank Pedraza</title>

</head>

<body style="background-color: lightgrey">

<h1>A4P1 House of Cards Magic Shop</h1>

<p>Shop here and make your money disappear.</p>

<p>This months specials:</p>

<table border="1" cellspacing="0" cellpadding="6" summary="Table of product images and prices and descriptions">

<tbody>

<tr>

<td><img src="Images/magic\_wand.png" alt="Magic Wand" height="150" width="150"></td>

<td><p style="font-weight: bold">$4 Magic Wand</p>

<p>Every magician needs a magic wand.</p></td>

</tr>

<tr>

<td><img src="Images/cards.png" alt="Playing Cards" height="150" width="150"></td>

<td><p style="font-weight: bold">$7 Set of Playing Cards</p>

<p>Perfect for party tricks, or for playing poker.</p></td>

</tr>

</tbody>

</table>

<script>

var FirstName = prompt('Welcome to House of Cards Magic Shop. Please enter your name.');

while(FirstName == “”){

FirstName = prompt('Invalid input.\nPlease enter your name.');

}

var numWand = prompt(FirstName+', How many magic wands would you like to purchase today?');

numWand=parseInt(numWand);

while(isNaN(numWand) || (numWand<0) || (numWand >100)){

numWand = prompt('Invalid input.\nPlease enter a valid number.');

numWand=parseInt(numWand);

}

var numCards = prompt(FirstName+', How many sets of playing cards would you like to purchase today?');

numCards=parseInt(numCards);

while(isNaN(numCards) || (numCards<0) || (numCards >100)){

numCards = prompt('Invalid input.\nPlease enter a valid number.');

numCards=parseInt(numCards);

}

document.write('<h2>'+numWand+' magic wands and '+numCards+' playing cards were ordered by '+FirstName+'!</h2');

</script>

</body>

</html>

**Part 2: While Writing A Function…**Same as part 1 but use a function to validate input and call it once for each product

No screen shot needed.

[Paste your part 2 Code below – Make sure that ALL of your code is visible between the margins of this page]

<!doctype html>

<html>

<head>

<meta charset="utf-8">

<title>A4P2 by Frank Pedraza</title>

<script>

function checkInput(input){

input=parseInt(input);

while(isNaN(input) || (input<0) || (input >100)){

input = prompt('Invalid input.\nPlease enter a valid number.');

input=parseInt(input);

}

return input;

}

</script>

</head>

<body style="background-color: lightgrey">

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</table>

<script>

var FirstName = prompt('Welcome to House of Cards Magic Shop. Please enter your name.');

while(FirstName == ""){

FirstName = prompt('Invalid input.\nPlease enter your name.');

}

var numWand = prompt(FirstName+', How many magic wands would you like to purchase today?');

numWand = checkInput(numWand);

var numCards = prompt(FirstName+', How many sets of playing cards would you like to purchase today?');

numCards = checkInput(numCards);

document.write('<h2>'+numWand+' magic wands and '+numCards+' playing cards were ordered by '+FirstName+'!</h2');

</script>

</body>

</html>

**Part 3: For Looping…**Start with A3P4, then add a button to display a for-loop generated discount pricing list

[Paste your part 3 Screenshot(s) below. Make sure all of your page displays. Use 2 screenshots as needed.]

[Paste your part 3 code below your screen shot. Make sure that ALL code is visible between this page's margins]

**Part 4: Display Table …**Start with A4P3, then modify code to calculate quantity discounts on the receipt and also display the discount pricing list with table formatting

[Paste your part 4 Screenshot(s) below. Make sure all of your page displays. Use 2 screenshots as needed.]

[Paste your part 4 code below your screen shot. Make sure that ALL code is visible between this page's margins]