<!-- HTML code for payment form -->

<form action="process\_payment.php" method="post">

<input type="text" name="item\_name" placeholder="Item Name" required>

<input type="number" name="item\_price" placeholder="Price" required>

<input type="number" name="item\_quantity" placeholder="Quantity" required>

<input type="submit" value="Pay with PayPal">

</form>

<!-- JavaScript code for form validation -->

<script>

const form = document.querySelector('form');

form.addEventListener('submit', function(e) {

e.preventDefault();

const itemName = form.elements.item\_name.value;

const itemPrice = form.elements.item\_price.value;

const itemQuantity = form.elements.item\_quantity.value;

if (!itemName || !itemPrice || !itemQuantity) {

alert('Please fill in all fields');

return false;

}

// TODO: validate item price and quantity

form.submit();

});

</script>

<!-- PHP code for processing payment -->

<?php

// TODO: obtain API credentials

$api\_username = 'your\_api\_username';

$api\_password = 'your\_api\_password';

$api\_signature = 'your\_api\_signature';

// TODO: process payment request and send to PayPal API

$ch = curl\_init();

curl\_setopt($ch, CURLOPT\_URL, 'https://api-3t.sandbox.paypal.com/nvp');

curl\_setopt($ch, CURLOPT\_RETURNTRANSFER, true);

curl\_setopt($ch, CURLOPT\_POSTFIELDS, http\_build\_query(array(

'USER' => $api\_username,

'PWD' => $api\_password,

'SIGNATURE' => $api\_signature,

'METHOD' => 'SetExpressCheckout',

'VERSION' => '204',

'PAYMENTREQUEST\_0\_PAYMENTACTION' => 'Sale',

'PAYMENTREQUEST\_0\_AMT' => $itemPrice \* $itemQuantity,

'PAYMENTREQUEST\_0\_CURRENCYCODE' => 'USD',

'PAYMENTREQUEST\_0\_ITEMAMT' => $itemPrice,

'PAYMENTREQUEST\_0\_TAXAMT' => 0,

'PAYMENTREQUEST\_0\_DESC' => $itemName,

'L\_PAYMENTREQUEST\_0\_NAME0' => $itemName,

'L\_PAYMENTREQUEST\_0\_AMT0' => $itemPrice,

'L\_PAYMENTREQUEST\_0\_QTY0' => $itemQuantity,

'