<?php

$host = 'localhost';

$db = 'base1';

$user = 'base1';

$pass = 'Snowcycle7';

$charset = 'utf8';

$dsn = "mysql:host=$host;dbname=$db;charset=$charset";

$opt = [

PDO::ATTR\_ERRMODE => PDO::ERRMODE\_EXCEPTION,

PDO::ATTR\_DEFAULT\_FETCH\_MODE => PDO::FETCH\_ASSOC,

PDO::ATTR\_EMULATE\_PREPARES => false,

];

$pdo = new PDO($dsn, $user, $pass, $opt);

function getBuy($bs) {

if ($bs == 0) {

return 'Bought';

}

elseif ($bs == 1){

return 'Sold';

}

}

function makPos($ng) {

if ($ng < 0) {

return $ng\*-1;

}

else {

return $ng;

}

}

function postLive($pdo) {

$getLive = $pdo->query("SELECT \* FROM live WHERE shares\_now != 0

ORDER BY code");

echo "<table>";

echo "<tr><th>Code</th><th>Shares</th><th>PL</th></tr>";

foreach ($getLive as $line) {

$GLOBALS['sname'] = $line['code'];

$sname = $GLOBALS['sname'];

echo "<tr>";

echo "<td>".$sname."</td>";

echo "<td>".$line['shares\_now']."</td>";

echo "<td>".$line['pl']."</td>";

echo "<td>".'<form method = "get">

<input type="submit"name="'.$sname.'"value="SELL">

</form>'."</td>";

if (isset($\_GET["$sname"])) {

echo "<td>"."How many shares?"."<td>";

echo "<td>".'<form method = "get" >

<input name = "sharenumber" type = "number">

<input name = "sellshare" type = "submit">

</form>'."<td>";

}

if (isset($\_GET["sharenumber"])) {

include('yahoostock.php');

global $name;

global $stockname;

global $number;

global $price;

global $change;

global $volume;

//echo "<td>"."hi"."<td>";

$sql = 'INSERT INTO stock\_info(full\_name,stockname,sharenumber,

boughtat,bill,buy\_or\_sell,percent\_change,volume) VALUES (?,?,?,?,?,?,?,?)';

$pdo->prepare($sql)->execute([$name,$stockname,$number,$price,

$price\*$number,True,$change,$volume]);

$pdo->exec('INSERT INTO account (flow,balance)

SELECT SUM(bill),SUM(bill)+10000 FROM stock\_info');

$sql = 'SELECT count(code) FROM live

WHERE code = ?';

$count\_codes = $pdo->prepare($sql);

$count\_codes->execute([$stockname]);

$live\_number\_of\_rows = $count\_codes->fetchColumn();

$c\_sharenumber = $pdo->prepare('SELECT SUM(sharenumber)

AS hm\_shares FROM stock\_info WHERE stockname = ?');

$c\_sharenumber->execute([$stockname]);

$sum\_sh = $c\_sharenumber->fetch(PDO::FETCH\_ASSOC);

$c\_bills = $pdo->prepare('SELECT SUM(bill)

AS hm\_pl FROM stock\_info WHERE stockname = ?');

$c\_bills->execute([$stockname]);

$sum\_bi = $c\_bills->fetch(PDO::FETCH\_ASSOC);

updateLive();

}

echo "</tr>";

}

echo "</table>";

}

function updateLive() {

global $pdo;

global $sum\_sh;

global $sum\_bi;

global $live\_number\_of\_rows;

global $stockname;

global $number;

global $price;

if ($sum\_sh['hm\_shares'] < 0 and $live\_number\_of\_rows == 0) {

$sql = 'INSERT INTO live (code,shares\_now,pl)

VALUES (?,?,?)';

$pdo->prepare($sql)->

execute([$stockname,makPos($sum\_sh['hm\_shares']),

$sum\_bi['hm\_pl']]);

}

elseif ($live\_number\_of\_rows == 1){

$sql = 'UPDATE live SET shares\_now = ?, pl = ? WHERE code = ?';

$pdo->prepare($sql)->

execute([$sum\_sh['hm\_shares']\*-1,$sum\_bi['hm\_pl'],$stockname]);

}

}

?>

<html>

<head>

<title>Penguin</title>

</head>

<nav>

<a href="home.php">Home</a>

<a href="buy.php">Buy</a>

<form method = "get">

<input name="clearall" type="submit" value="CLEAR">

</form>

</nav>

<body>

<?php

include('functions.php');

if (isset($\_GET["clearall"])){

$pdo->exec("DELETE FROM stock\_info");

$pdo->exec("DELETE FROM account");

$pdo->exec("DELETE FROM live");

}

$get\_bal = $pdo->query('SELECT balance FROM account ORDER BY timestamp DESC LIMIT 1');

$target = $get\_bal->fetch();

echo "<br>Account total:<br>";

echo "$" . $target['balance'];

$get\_bal = $pdo->query('SELECT \* FROM stock\_info');

$target = $get\_bal->fetch();

echo "<br><br>Current stock inventory:<br><br>";

postLive($pdo);

echo "<br><br>Recent activity:<br><br>";

$get\_ev = $pdo->query('SELECT \* FROM stock\_info ORDER BY date\_time');

while ($ev = $get\_ev->fetch()){

$order = $ev['date\_time'] . ": " . getBuy($ev['buy\_or\_sell']) . ' ' .

makPos($ev['sharenumber']) . " share(s) of " . $ev['full\_name'] . " at $" . makPos($ev['boughtat']) . "/share for $" . makPos($ev['bill']) . "<br>";

echo $order;

}

?>

</body>

</html>

<?php

function getValue($inp) {

include\_once('class.yahoostock.php');

$objYahooStock = new YahooStock;

/\*\*

Add format/parameters to be fetched

s = Symbol

n = Name

l1 = Last Trade (Price Only)

d1 = Last Trade Date

t1 = Last Trade Time

c = Change and Percent Change

v = Volume

\*/

$objYahooStock->addFormat("snl1d1t1cv");

/\*\*

Add company stock code to be fetched

msft = Microsoft

amzn = Amazon

yhoo = Yahoo

goog = Google

aapl = Apple

\*/

$objYahooStock->addStock($inp);

/\*\*

\* Printing out the data

\*/

foreach($objYahooStock->getQuotes() as $code => $stock)

{

$GLOBALS['kode'] = $stock[1];

$GLOBALS['name'] = $stock[3];

$GLOBALS['price'] = $stock[4];

$GLOBALS['date'] = $stock[5];

$GLOBALS['time'] = $stock[7];

$GLOBALS['change'] = $stock[9];

$GLOBALS['volume'] = $stock[10];

}

if (isset($GLOBALS['price'])) {

//echo "Stock Code: " . $kode //code

echo $GLOBALS['name'] . "<br><br>"; //name

echo "Last Trade Price: $" . $GLOBALS['price'];//last trade price

echo "<br>";

echo "Last Trade Date: " . $GLOBALS['date']; //last trade date

echo "<br>";

echo "Last Trade Time: " . $GLOBALS['time']; //last trade time

echo "<br>";

echo "Change and Percent Change: " . $GLOBALS['change']; //change and percent change

echo "<br>";

echo "Volume: " . $GLOBALS['volume']; //volume

echo "<br>";

}

else {

echo "Stockname invalid. Please try again.";

}

}

?>