function updateLive() {

global $pdo;

global $stockname;

global $number;

global $price;

$sql = 'SELECT count(code) FROM live WHERE code = ?';

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

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

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

if ($live\_number\_of\_rows == 0) {

//if table does not exist, create it.. otherwise move along

$sql = "SHOW TABLES LIKE '".$stockname."'";

$result = $pdo->prepare($sql);

$result->execute();

$count = $result->rowCount();

if ($count > 0) {

//table exists

$sql = "SELECT count(shares) FROM $stockname WHERE shares = 0";

$zero\_shares = $pdo->prepare($sql);

$zero\_shares->execute();

$shares\_number\_of\_zeros = $zero\_shares->fetchColumn();

$sql = "INSERT INTO $stockname (shares,deltashares,price,avspent,

assets,cash,pl,plrate,cycle,y1,y2) VALUES(?,?,?,?,?,?,?,?,?,?,?)";

$pdo->prepare($sql)->execute([$number\*-1,$number,$price,

($number\*$price\*-1)/$number,$number\*$price\*-1,$number\*$price,0,0,

$shares\_number\_of\_zeros+1,$number\*$price\*-1,$number\*$price\*-1]);

$sql = 'INSERT INTO live (code,shares\_now,price\_now,av\_spent,ass\_now,cash\_now,

pl,pl\_rate) VALUES (?,?,?,?,?,?,?,?)';

$pdo->prepare($sql)->

execute([$stockname,$number\*-1,$price,($number\*$price)/$number,

$number\*$price\*-1,$number\*$price,0,0]);

}

else {

//table does not exist

$pdo->exec("CREATE TABLE $stockname (

ID INT NOT NULL AUTO\_INCREMENT,

shares INT(11),

deltashares INT(11),

price DECIMAL(10,2),

avspent DECIMAL(10,2),

assets DECIMAL(10,2),

cash DECIMAL(10,2),

pl DECIMAL(10,2),

plrate DECIMAL(10,2),

cycle INT(11),

y1 DECIMAL(10,2),

y2 DECIMAL(10,2),

datetime TIMESTAMP,

PRIMARY KEY (ID));");

$sql = "SELECT count(cycle) FROM $stockname";

$zero\_shares = $pdo->prepare($sql);

$zero\_shares->execute();

$shares\_number\_of\_zeros = $count\_codes->fetchColumn();

$sql = "INSERT INTO $stockname (shares,deltashares,price,avspent,

assets,cash,pl,plrate,cycle,y1,y2) VALUES(?,?,?,?,?,?,?,?,?,?,?)";

$pdo->prepare($sql)->execute([$number\*-1,$number,$price,

($number\*$price\*-1)/$number,$number\*$price\*-1,$number\*$price,0,0,

$shares\_number\_of\_zeros+1,$number\*$price\*-1,$number\*$price\*-1]);

$sql = 'INSERT INTO live (code,shares\_now,price\_now,av\_spent,ass\_now,cash\_now,

pl,pl\_rate) VALUES (?,?,?,?,?,?,?,?)';

$pdo->prepare($sql)->

execute([$stockname,$number\*-1,$price,($number\*$price)/$number,

$number\*$price\*-1,$number\*$price,0,0]);

}

}

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

$shares = $pdo->query("SELECT shares

FROM $stockname ORDER BY datetime DESC LIMIT 1");

$sn\_shares = $shares->fetch();

$cash = $pdo->query("SELECT cash

FROM $stockname ORDER BY datetime DESC LIMIT 1");

$sn\_cash = $cash->fetch();

$cycle = $pdo->query("SELECT cycle

FROM $stockname ORDER BY datetime DESC LIMIT 1");

$sn\_cyc = $cycle->fetch();

$sql = "INSERT INTO $stockname (shares,deltashares,price,avspent,

assets,cash,pl,cycle) VALUES(?,?,?,?,?,?,?,?)";

$pdo->prepare($sql)->execute([

$sn\_shares['shares']-$number,

$number,

$price,

$sn\_cash['cash']/($sn\_shares['shares']),

($sn\_shares['shares']-$number)\*$price,

($number\*$price)+$sn\_cash['cash'],

(($sn\_shares['shares']-$number)\*$price)+(($number\*$price)+$sn\_cash['cash']),

$sn\_cyc['cycle']

]);

$shares = $pdo->query("SELECT shares

FROM $stockname ORDER BY datetime DESC LIMIT 1");

$sn\_shares = $shares->fetch();

$cash = $pdo->query("SELECT cash

FROM $stockname ORDER BY datetime DESC LIMIT 1");

$sn\_cash = $cash->fetch();

$avspent = $pdo->query("SELECT avspent

FROM $stockname ORDER BY datetime DESC LIMIT 1");

$sn\_avspent = $avspent->fetch();

$c = $sn\_cyc['cycle'];

$sql = "SELECT ID FROM $stockname WHERE cycle = $c";

$id = $pdo->query($sql)->fetchAll(PDO::FETCH\_COLUMN);

$sql = "SELECT deltashares FROM $stockname";

$delta = $pdo->query($sql)->fetchAll(PDO::FETCH\_COLUMN);

$sql = "SELECT price FROM $stockname";

$pri = $pdo->query($sql)->fetchAll(PDO::FETCH\_COLUMN);

$sql = "SELECT shares FROM $stockname";

$shs = $pdo->query($sql)->fetchAll(PDO::FETCH\_COLUMN);

$sql = "SELECT pl FROM $stockname";

$plc = $pdo->query($sql)->fetchAll(PDO::FETCH\_COLUMN);

$sold = 0;

$bought = 0;

foreach ($id as $i) {

$d = $delta[$i-1];

$p = $pri[$i-1];

$sh = $shs[$i-1];

$pl = $plc[$i-1];

if ($d > 0) {

$sold += makPos($d \* $p);

}

elseif ($d < 0) {

$bought += makPos($d \* $p);

}

elseif ($d == 0) {

$sold += 0;

$bought += 0;

}

$own = $sh \* $p;

}

$rate = (($bought-($sold+$own))/(($sold+$own)))\*100;

$y2 = $bought+$pl;

$sql = "UPDATE $stockname SET plrate=?,y1=?,y2=? ORDER BY datetime DESC LIMIT 1";

$pdo->prepare($sql)->execute([$rate,$bought,$y2]);

$sql = "UPDATE live SET shares\_now=?, price\_now=?, av\_spent=?, ass\_now=?,

cash\_now=?, pl=?, pl\_rate = ? WHERE code = ?";

$pdo->prepare($sql)->

execute([

$sn\_shares['shares'],

getPrice($stockname),

$sn\_avspent['avspent'],

$sn\_shares['shares']\*getPrice($stockname),

$sn\_cash['cash'],

($sn\_shares['shares']\*getPrice($stockname))+($sn\_cash['cash']),

$rate,

$stockname

]);

if ($sn\_shares['shares'] == 0) {

$sql = "DELETE FROM live WHERE code = ?";

$pdo->prepare($sql)->execute([$stockname]);

}

}

}

DELIMITER $$

DROP PROCEDURE IF EXISTS test$$

CREATE PROCEDURE test()

BEGIN

DECLARE count INT DEFAULT 0;

WHILE count < 5 DO

INSERT INTO X(shares) SELECT sharenumber FROM stock\_info;

SET count = count + 1;

END WHILE;

END$$

DELIMITER ;

WHILE (1 = 1)

BEGIN

WAITFOR DELAY '00:00:02'

INSERT INTO X(shares) SELECT sharenumber FROM stock\_info;

END

DELIMITER $$

DROP PROCEDURE IF EXISTS test$$

CREATE PROCEDURE test()

BEGIN

DECLARE count INT DEFAULT 0;

WHILE count < 5 DO

INSERT INTO X(shares) SELECT sharenumber FROM stock\_info;

SET count = count + 1;

END WHILE;

END$$

DELIMITER ;

IF CURRENT\_TIME >= '09:45' AND CURRENT\_TIME <= '16:15' THEN

INSERT INTO AKS(shares) SELECT sharenumber FROM stock\_info;

END IF

WHILE CURRENT\_TIME >= '09:45' AND CURRENT\_TIME <= '16:15' DO

INSERT INTO AKS(shares) SELECT sharenumber FROM stock\_info;

END WHILE

WHILE CURRENT\_TIME >= '01:45' AND CURRENT\_TIME <= '16:15' DO

SELECT SLEEP(5);

INSERT INTO AKS(shares) SELECT sharenumber FROM stock\_info;

END WHILE