1)
a)
"previd" is a name of an input field and a variable which can be passed through an URL via superglobal $_GET variable.
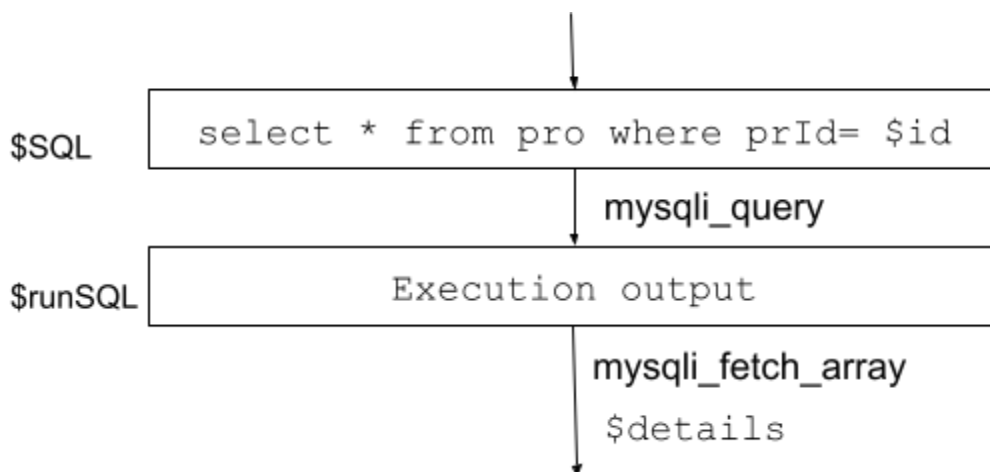
Question?: How it gets created?

b)
$id is a variable and assigned the value of which was passed through the URL and catch that passing value using $_GET superglobal variable.

c)

pro

prId	prName	prPicName	prDescrip	prPrice	prQuantity
5474	Boss Mug	bossmug.jpg	I Love My Boss Mug	05.99	423
5856	Silver Juicer	silverjuicer.jpg	Edgy stylish juicer	38.45	03
6211	Cookie Jar	cookiejar.jpg	Lovely glass cookie jar	12.99	14
6334	Cup Holder	cupholder.jpg	Holds your coffee cup	03.79	2451
6356	Fun USB Stick	funusbstick.jpg	Funny 32G USB stick	18.95	260

$SQL
```
select * from pro where prId= $id
```
mysqli_query

$runSQL   Execution output

mysqli_fetch_array
$details

prId	prName	prPicName	prDescrip	prPrice	prQuantity
6211	Cookie Jar	cookiejar.jpg	Lovely glass cookie jar	12.99	14

Using $id will get the value of previd input field and execute a SQL query with the value of $id and returning database data according to the SQL query. Using mysqli_fetch_query will fetch the query output as an array. Then display the array data.

2)
a)
$SQL is a variable that has a SQL query that will be executed by $runSQL line.

b)
$runSQL is a variable that will execute the $SQL query using the mysql_query method. If fails to execute the code it will return the error or else it will contain query output.
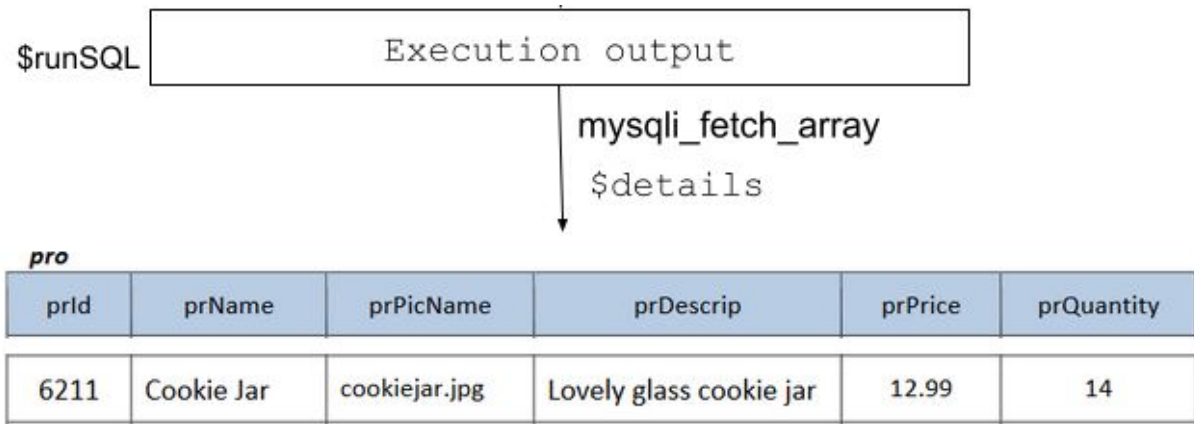
c)
mysql_fetch_array will create an array using the execution output of $runSQL. Each element can be accessed by MySQL table column name.

3)

a)

$details contain an array of MySQL database table data mapped according to the table column names.

pro						
prId	prName	prPicName	prDescrip	prPrice	prQuantity
6211	Cookie Jar	cookiejar.jpg	Lovely glass cookie jar	12.99	14

b)
The strtoupper is a function that will convert all string letters to upper case.

c)
Line 25 will pass the prPicName which is a string via URL and the passing value can be accessed by superglobal variable; $_GET.

d)
The $id can be used here. Since line 18 ($SQL = "select * from pro where prId=".$id;) selecting the records where prId= $id, both $id and $details['prId'] will have the same values.
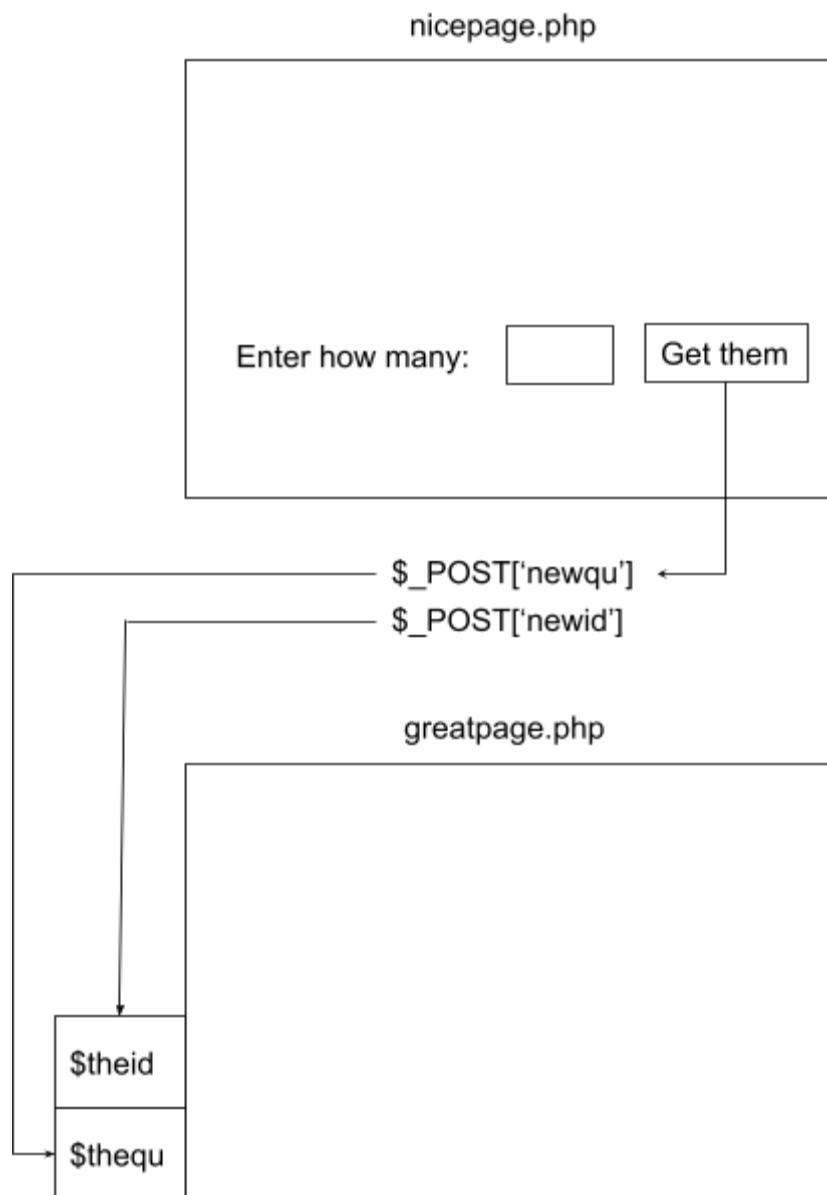
4)

a)

The method used here is POST. This will submit form data without showing it in the URL which means hide the form when passing to the next PHP file. So that the user can not bookmark that URL.

b)

The action used here is greatpage.php. Form data will pass to this PHP and actions after submitting the form will contain here.

c)

To pass the values using the POST method, the input field needs to be there. So $id should not visible to the user since it does not need to show to the user. Therefore it is hidden.

nicepage.php

Enter how many: [   ] | Get them |

$_POST['newqu']
$_POST['newid']

greatpage.php

$theid

$thequ

5)

a)

The "newid" is the form input field name from the nicepage.php. This contains the value of the input field named "newid".

b)

The $theid is a variable that contains the value of the form input field name called "newid". This input field value is get by superglobal variable $_POST.

c)

The "newqu" is the form input field name from the nicepage.php. This contains the value of the input field named "newqu".

6)
a)

b)
Verifying that the value of $thequ is 0 or
If so display Error! to the user and redirecting to nicepage.php and display the Enter correct
value! and exit.

c)
Defining SQL statement to select "prQuantity" from the table where prId is equal to the value of
the $theid and then executing and fetching the output of the SQL query to a variable called $info
as an array using mysql_fetch_array.
From that array taking the prQuantity and assign it to $ourqu variable and checking whether the
$thequ has a higher value than $ourqu. If so then display "Not good" to the user and redirect to
the nicepage.php and display "Do it again!" message or else if the value of $thequ is less than
$ourqu, then display "Great, item added!" and creating a session called 'storage' and putting
$thequ value into that.

7)

a)

The SQL query needs there to select the prQuantity from the MySQL database pro table where prId is equal to $theid.

b)

The $info is a variable that contains an array of data that returns from the SQL output. mysql_fetch_array used to fetch output into an array.

c)

The $ourqu is the quantity left in the stock and $thequ is the quantity that the user selected to buy.

8)

a)

The session is a method to store data like in an array but can be accessible from multiple pages since it is not destroyed. These data will be stored in the server, not in the user's devices like cookies.

b)

The $_SESSION['storage'] is naming the session as storage. Can call storage session by calling $_SESSION['storage'].

c)

In the session, theid and thequ is mapped by line 89.

ASK DIAGRAM !