Auto Multiple Choice - Bug # 700: Changed students codes are not updated

Status:	Closed	Priority:	Normal
Author:	Florent Bouchez Tichadou	Category:	
Created:	01/27/2020	Assignee:	
Updated:	12/21/2020	Due date:	
Description:	Students often make a mistake when encoding their (anonymous) number for the exam.		

Description: Students often make a mistake when encoding their (anonymous) number for the exam.

When I try to manually correct the codes, AMC still "remembers" the old version and just concatenates (and mixes) numbers.

For instance a wrong number was :

11246049

which I corrected into :

19001801

However, AMC now thinks the number is :

119080112460649

(I even tried modifying it in the scoring_code database but with no luck :-().

History

01/27/2020 02:30 pm - Florent Bouchez Tichadou

Found the problem : the sql statement checks for manual OR filled box, so does not check if box has been un-checked.

Here is a patch:

```
--- capture.pm.orig□ 2020-01-27 14:18:43.788834212 +0100
+++ capture.pm.fix□ 2020-01-27 14:28:08.780817693 +0100
@@ -587,7 +587,8 @@
 □□  ." ORDER BY id_b"},
     'tickedChars'=>{sql=>"SELECT char FROM (SELECT id_b FROM $t_zone"
               ."     WHERE student=? AND copy=? AND id_a=? AND type=?"
-              ."     AND (manual=1 OR (black >= ? * total AND black <= ? * total))"
+              ."     AND (manual = 1"
+              ."        OR manual < 0 AND (black >= ? * total AND black <= ? * total))"
              ." ),( SELECT answer,char FROM ".$self->table("box","layout")
              ."     WHERE student=? AND question=? AND role=?)"
              ." ON id_b=answer ORDER BY id_b"
```

01/27/2020 02:31 pm - Florent Bouchez Tichadou

(Update with "pre" format)

```
<pre>
--- capture.pm.orig□ 2020-01-27 14:18:43.788834212 +0100
+++ capture.pm.fix□ 2020-01-27 14:28:08.780817693 +0100
@@ -587,7 +587,8 @@
 □□  ." ORDER BY id_b"},
     'tickedChars'=>{sql=>"SELECT char FROM (SELECT id_b FROM $t_zone"
               ."     WHERE student=? AND copy=? AND id_a=? AND type=?"
-              ."     AND (manual=1 OR (black >= ? * total AND black <= ? * total))"
+              ."     AND (manual = 1"
+              ."        OR manual < 0 AND (black >= ? * total AND black <= ? * total))"
              ." ),( SELECT answer,char FROM ".$self->table("box","layout")
              ."     WHERE student=? AND question=? AND role=?)"
```

```
        ." ON id_b=answer ORDER BY id_b"
```

</pre>

12/21/2020 12:35 pm - Alexis Bienvenüe

- Status changed from New to Closed

- Target version set to 1.5.0

- % Done changed from 0 to 100

Thanks very much for this bug report and investigation, and sorry for being so late. git:f871f1a6ccc70

12/21/2020 12:35 pm - Alexis Bienvenüe

- Status changed from New to Closed