



Spot Play no 1 Output:

The screenshot shows a Microsoft Access window titled "Microsoft Access - [spot 1 H&K : Select Query]". The menu bar includes File, Edit, View, Insert, Format, Records, Tools, Window, and Help. The toolbar contains various icons for file operations and data manipulation. The main area displays a table with the following data:

	tDATE	tTRK	nRACE	tPGM	nDS	nCLA	rKrat	rHTR
▶	7/1/04	BEL	2	1	1	2	1	1
	7/1/04	BEL	5	4	1	1	1	1
	7/1/04	CD	1	8	1	2	1	1
	7/1/04	CD	8	4	1	2	1	1
	7/1/04	HOL	2	2	1	2	1	1
	7/1/04	HOL	6	4	1	2	1	1
*								

Save the query with a unique name.

**Design your second spot play:**Spot Play No. 2 Query Design:

The screenshot shows a Microsoft Access window titled "Microsoft Access - [spot 2 superT & wrk : Select Query]". The menu bar includes File, Edit, View, Insert, Query, Tools, Window, and Help. The toolbar contains various icons, including a dropdown menu set to "All". The main area displays a query design grid for a table named "ALL\_HX4". The design grid shows the following fields and their properties:

Field:	tDATE	tTRK	nRACE	tPGM	nTRN	rWKSC
Table:	ALL_HX4	ALL_HX4	ALL_HX4	ALL_HX4	ALL_HX4	ALL_HX4
Sort:	Ascending	Ascending	Ascending	Ascending		
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:					>=400	1
or:						

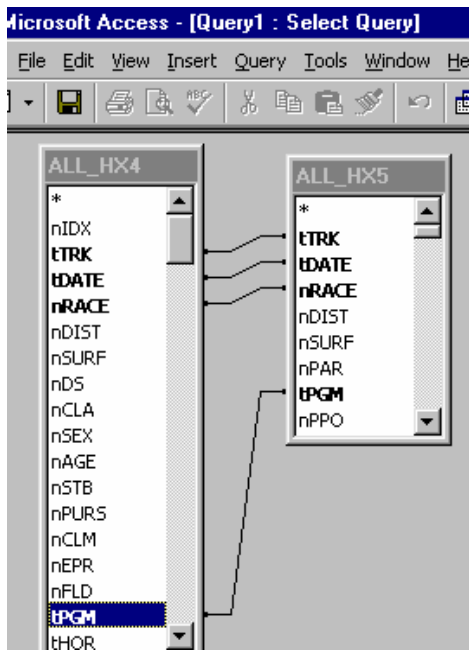
Spot Play No. 2 Query Output:

	tDATE	tTRK	nRACE	tPGM	nTRN	rWKSC
▶	7/1/04	BEL	3 3		403	1
	7/1/04	HOL	2 5		469	1
*						

**Design your third spot play:**

Spot Play No. 3 (This spot play is based on 2 joined tables All\_hx4 and All\_hx5):

Joining 2 Tables:



### Spot Play No. 3 Query Design:

Field:	tTRK	tDATE	nRACE	tPGM	rWKSC	nWKSC	nFNBL1	nFNBL2	nMLO
Table:	ALL_HX4	ALL_HX4	ALL_HX4	ALL_HX4	ALL_HX4	ALL_HX4	ALL_HX5	ALL_HX5	ALL_HX4
Sort:	Ascending	Ascending	Ascending	Ascending					
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:					1	>=79	>4	<2	>=5
or:									

### Spot Play No. 3 Query Output:

Microsoft Access - [spt 3 wrk1 bad last : Select Query]

	tTRK	tDATE	nRACE	tPGM	rWKSC	nWKSC	nFNBL1	nFNBL2	nMLO
▶	BEL	7/1/04	1	1	1	79.2665	18.75	0	20
	HOL	7/1/04	5	2	1	88.5274	8	1.25	12
	HOL	7/1/04	8	1	1	84.0283	8.75	0	15

### Make the spot plays self numbering:

This is an important step. In order to identify each spot play on the final report you must create a new field within each of the queries above that will “self number” as per the spot play number. Without this step you will not know which spot play fits a certain horse on your final report.

Go back into design view of the first spot play query. While in Design View, click in the first blank column, first box, where you would normally identify a field name. Type this into that first box:

SpotPlay1:”1”

Enter it exactly like it is typed above! Like this:

Design View

Field Name	Table	Field Name	Field Name	Field Name	Field Name
tPGM	nDS	nCLA	rKrat	rHTR	SpotPlay1: "1"
HX4	HX4	HX4	HX4	HX4	
tPGM	nDS	nCLA	rKrat	rHTR	
	1	1 Or 2	1	1	

When the query is run, it will create a new field named SpotPlay1 and it will populate that field with the number 1 for every record it returns. It only makes sense that SpotPlay 1 returns a field with the number 1 in it. It should look like this when the results display:

tDATE	tTRK	nRACE	tPGM	nDS	nCLA	rKrat	rHTR	SpotPlay1
3/6/04	AQU	2	7	1	1	1	1	1
3/6/04	GP	3	1A	1	1	1	1	1
3/6/04	GP	6	3	1	1	1	1	1
3/6/04	GP	11	1	1	1	1	1	1
3/6/04	OP	1	8	1	2	1	1	1
*								0

In your second spot play query, enter Design View of the query and go to the first blank field. Enter into the top box:

SpotPlay2:"2"

Enter it exactly like it is typed above! The horses from your second query will all receive a two in a column named SpotPlay2. When you combine the spotplays, horses will receive a number under their designated SpotPlay# field. Because a horse may qualify on more than one spot play, we need to create 3 different named fields.

Repeat the above steps for spot play no 3. Only make sure you put:

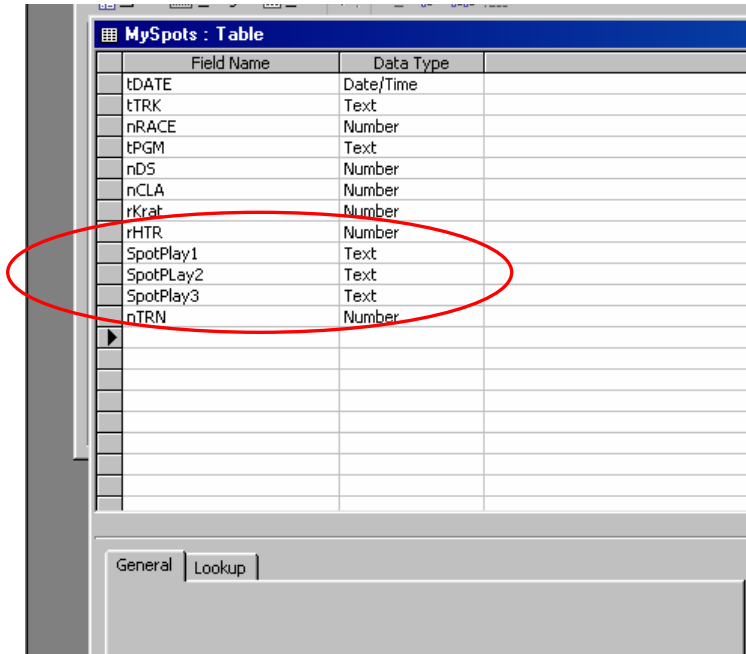
SpotPlay3:"3"

...into that first box in the query Design View.

1. You are now ready to create the table that will hold all your spot plays together. The easiest way to do this is to take your first query and make it a Make-table query.
2. Go into Design View of the first query and click on the word Query. Out of the drop down, choose Make-Table Query. Enter the name MySpots into the table name field. Be sure the Current Database button is chosen. Click OK.
3. Now run the query. Hit the red exclamation point on the toolbar. The program will tell you that it is about to paste however many rows. Click Yes. The results of that first query are now in a new table called MySpots.
4. Revert that query back to a Select Query by choosing Query on the toolbar and then choosing Select Query from the drop down.
5. Save the query. Close the Query.

Here is the tricky part. You must now go into design view of the new table called MySpots and add all the other fields that are found in the other 2 Spot Play queries. Any field that is already in the MySpots table that is in either the 2nd or 3rd query will NOT be needed to be added (TRK, DATE,

PRG are 3 to mention). Any field that is found in the query but is NOT in the table will need to be added to the table (SpotPlay2 and SpotPlay3 are 2 that definitely need to be added). If the field is not present in the table before you add the queries to that table, the data will be left out of that MySpots table. So, if we examine the 2nd query, one field NOT on the table after the above Make-Table query steps is the nTRN field. So we go to the design view of the MySpots table and add the other two SpotPlay fields and the nTRN field, like so:



Field Name	Data Type
tDATE	Date/Time
tTRK	Text
nRACE	Number
tPGM	Text
nDS	Number
nCLA	Number
rKrat	Number
rHTR	Number
SpotPlay1	Text
SpotPlay2	Text
SpotPlay3	Text
nTRN	Number

You will need to repeat this step until you have ALL of the fields found in each of your spot play queries in the MySpots table. Notice that since a field called SpotPlay1 was originally created with the make-table query; you do NOT have to add this field. It was already created. After creating the table structure, delete all the records out of the table.

After the table is designed with all needed fields, save the design and close the MySpots table.

Go into each query (SpotPlay1, SpotPlay2, and SpotPlay3) one at a time and while in design view change the query to an Append query. When you run the query, it will ask you “which table do you want to append the data to?” Choose the MySpots table we just created. After running all three queries, the data will now be found in the MySpots table from all three queries. It will look like this:

	tDATE	tTRK	nRACE	tPGM	spot 1	spot 2	spot 3
▶	7/1/04	BEL	2	1	1		
	7/1/04	BEL	5	4	1		
	7/1/04	CD	1	8	1		
	7/1/04	CD	8	4	1		
	7/1/04	HOL	2	2	1		
	7/1/04	HOL	6	4	1		
	7/1/04	BEL	3	3		2	
	7/1/04	HOL	2	5		2	
	7/1/04	BEL	1	1			3
	7/1/04	HOL	5	2			3
	7/1/04	HOL	8	1			3
*							

When finished Spot Plays Table will look like this. Each horse that is picked will be in the table and you can tell which horse came from which spot play. You will also be able to tell if a horse is picked by more than 1 spot play

This table may now be linked to the HX4 table or any other table and a report may be made out of a query based on the two tables or directly from the linked tables! Mike suggests you do this:

The final step is Joining Spot Play table to the query that you use for your report. Go to the design view of the report that you use for your report and join the spot play table as shown.

Make sure that the fields in the all\_hx4 table in the design have arrow heads pointing to the spot play table as shown. To do this double click on the line connecting the fields and select item 2 "show all values in all\_hx4 and only matching values in spot plays.



This is a sample report with spot plays indicated

TRK: BEL

<b>Race 1</b>		nDS: 2		nCLA: 4		nVI: 36				
ML P#	Lay	K	PSN	PED	WK	F1	F3	AP	Spot Plays	
2.5	2	20	1	1	2	74	1	3	1	
1.8	6	35	2	2	3	75	4	2	4	
2	4	15	3	3	6	70	2	6	2	
5	5	20	4	4	1	62	3	4	3	
20	3	70	5	6	7	70	5	5	5	
20	1	20	6	7	5	79	7	7	7	
20	7	36	7	5	4	66	6	1	6	3

<b>Race 2</b>		nDS: 1		nCLA: 2		nVI: 27				
ML P#	Lay	K	PSN	PED	WK	F1	F3	AP	Spot Plays	
1.2	1	49	1	1	4	73	8	2	2	
3	3	21	2	3	2	74	3	1	3	1
1.2	1A	11	3	2	8	81	2	6	9	
6	8	64	4	5	5	65	1	7	1	
12	5	21	5	6	1	82	6	4	4	
5	2	32	6	4	3	75	5	9	8	
10	4	32	7	9	6	68	4	8	7	
12	7	31	8	7	7	78	9	3	6	
15	6	32	9	8	9	69	7	5	5	

<b>Race 3</b>		nDS: 1		nCLA: 3		nVI: 27				
ML P#	Lay	K	PSN	PED	WK	F1	F3	AP	Spot Plays	
1.6	1	0	1	1	5	78	0	0	0	
1.6	1A	0	2	2	8	75	0	0	0	
6	4	35	3	7	6	65	2	1	1	
8	6	14	4	8	3	70	1	2	2	
5	3	0	5	3	2	81	0	0	0	2
4	5	0	6	4	7	72	0	0	0	
6	7	0	7	6	4	65	0	0	0	
6	2	0	8	5	1	76	0	0	0	