

























































Functional Dependencies




































After performing normalization i have made my tables into BCNF form. Here they are with minimum redundancy between the functional dependences.






















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<input type="checkbox"/>	2 <u>Trans_ID</u>	int(11)			No	None		      
<input type="checkbox"/>	3 <u>Brand</u>	char(50)	latin1_swedish_ci		No	None		      
<input type="checkbox"/>	4 <u>Price</u>	float			No	None		      
<input type="checkbox"/>	5 <u>Name</u>	char(20)	latin1_swedish_ci		No	None		      
<input type="checkbox"/>	6 <u>Rating</u>	int(11)			Yes	NULL		      
<input type="checkbox"/>	7 <u>Number</u>	tinyint(4)			No	1		      








☐ Check All
 With selected:
 




























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<input type="checkbox"/> 2	<u>Account Num</u>	int(11)			No	0		









☐ Check All
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









































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<input type="checkbox"/>	1 <u>Activity ID</u>	int(11)			No	None	AUTO_INCREMENT	      
<input type="checkbox"/>	2 <u>Description</u>	char(100)	latin1_swedish_ci		No	None		      
<input type="checkbox"/>	3 <u>Price</u>	int(11)			Yes	NULL		      
<input type="checkbox"/>	4 <u>Location</u>	char(50)	latin1_swedish_ci		Yes	NULL		      
<input type="checkbox"/>	5 <u>Tran_ID</u>	int(11)			No	None		      









#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
<input type="checkbox"/> 1	<u>Item ID</u>	int(11)			No	None		      
<input type="checkbox"/> 2	<u>Material</u>	char(20)	latin1_swedish_ci		No	None		      
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






























☐ Check All
 With selected:








#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
<input type="checkbox"/> 1	<u>Item ID</u>	int(11)			No	None		      
<input type="checkbox"/> 2	<u>Calories</u>	int(11)			No	None		      
<input type="checkbox"/> 3	<u>Servings</u>	tinyint(4)			No	None		      


☐ Check All
 With selected:       

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
<input type="checkbox"/>	1 <u>Item_ID</u>	int(11)			No	None	AUTO_INCREMENT	      
<input type="checkbox"/>	2 <u>Trans_ID</u>	int(11)			No	None		      
<input type="checkbox"/>	3 <u>Brand</u>	char(50)	latin1_swedish_ci		No	None		      
<input type="checkbox"/>	4 <u>Price</u>	float			No	None		      
<input type="checkbox"/>	5 <u>Name</u>	char(20)	latin1_swedish_ci		No	None		      
<input type="checkbox"/>	6 <u>Rating</u>	int(11)			Yes	NULL		      
<input type="checkbox"/>	7 <u>Number</u>	tinyint(4)			No	1		      


☐ Check All
 With selected:
 







#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
<input type="checkbox"/> 1	<u>Tran_ID</u>	int(11)			No	None	AUTO_INCREMENT	      
<input type="checkbox"/> 2	<u>Store</u>	char(50)	latin1_swedish_ci		No	None		      
<input type="checkbox"/> 3	<u>Type</u>	char(1)	latin1_swedish_ci		No	None		      
<input type="checkbox"/> 4	<u>Date</u>	datetime			No	None		      
<input type="checkbox"/> 5	<u>Total</u>	double			No	None		      

☐ Check All
 With selected:
 