CS105.3 - Database Management Systems

Tutorial 3

Question:

BUILDING_CODE	ROOM_CODE	TEACHER_LNAME	TEACHER_FNAME	TEACHER_INITIAL	DAYS_TIME
KOM	204E	WINSTON	HENRY	G	MWF 8.00-8.50
KOM	123	CURMON	MARIA	L	MWF 8.00-8.50
LDB	504	PETER	DORATHY	J	TTh 1.00-2.15
KOM	34	HOPSKIN	ANNE	W	MWF 10.00-10.50
JKP	225B	RISELL	JAMES		TTh 9.00-10.15
LDB	301	ROBERTSON	JANETTE	P	TTh 9.00-10.15
KOM	204E	CURMON	MARIA	I	MWF 9.00-9.50
LDB	504	WINSTON	HENRY	G	TTh 1.00-2.15
KOM	34	CURMON	MARIA	L	MWF 11.00-11.50
LDB	504	PETER	DORATHY	J	MWF 2.00-2.50

1. Identify and discuss the serious data redundancy problems exhibited by the file structure shown in above table. (The file is meant to be used as a teacher class assignment schedule.)
2. Given the above table, what problem(s) might you encounter if building KOM was deleted?

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