F= { J > K, R= J KXYZ, since no attend there is no FD in set KX=Z, of F that determines XY, XY must be part of ZY=J BZ candidate keys. Test diff combinations next. fug: [XYK] = XYKZ (: KK > Z)]: w [XYK] = R XYKZJ (: ZY > J) J XYK is candidate key. fug: [xYZ]+ = xYZJ (:: ZY>J)] :: [xYZ]+=R xYZJK (:: J=K)] xYZ is andidate trey. : All candidate keys for R: XXX XYJ, XYK, XYZ 1.2.1. R= ABCDECH, * X= ACEH. Find fx.

The only FDs in F that start w affilhtes in X que,

EAC>B, E>G? O AC > B : ACB ACBD (: B > D) ACBDE (: AD>E) ACBDEG (: E>G, but Gnot in X) : AC=E is in Fx @ E>G: EG (already forminal step).

@ no FDs containing H in X : Fx = { AC>E}, Fx+= { AC>E} (: no other valid FDs)

	Date No.
	Following which, - B is past also NOT candidate tren for AB, as such we cannot go natural join AB & BC W/o dyplicates. AB & BC both have no common attributes with EG.
	As we have exhausted all passible options we conclude the fine decomposition at R is NUT lossless.
2-1.	/Courses/Course [@CID = "1234"]/Students/Student.
02.2	Por \$c in / Courses/Course where \$c/@cID = "1234" return \$c/Students/Student
2.3.	The grein is NOT cornect. The logic is good but it fails to "break" the where clarify is activated. As such, for courses with 3 or more unique names, the same course will be returned multiple times, resulting in issue of duplicates.
2.4.	Par \$c iv /(auuses/(ounse return L CID> {\$c/@CID} L Total Students> } fn: count (\$c/Students/Student)} /Total Students>
	4/(aumse (aum)>