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CS2102 Tutorial 1

1. (a) Possible superkeys: {A, C}, {A, D}, {A, B, C}, {A, B, D}, {A, C, D}, {A, B, C, D}

   (b) Known that {A, C} is superkey, since {A} and {C} cannot uniquely identify tuples, {A, C} is a definite candidate key. {A, D} is also a possible candidate key. If {A, D} cannot uniquely identify tuples, {A, B, D} is a possible candidate key.
   Possible candidate keys: {A, C}, {A, D}, {A, B, D}
   Definite candidate keys: {A, C}