

## **CSC 343: Week 2 Worksheet**

Define the following important terms:

1. Key
2. Candidate Key
3. Primary Key
4. Super key (or Super Key)
5. Referential Integrity

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Using an illustration, draw the relationships between the different types of keys above (1-4):

Given the following relations:

Suppliers (sid: *integer*, sname: *string*, address: *string*)

Parts (pid: *integer*, pname: *string*, colour: *string*)

Catalog (sid: *integer*, pid: *integer*, cost: *real*)

do the following:

1. identify (by underlining) the primary key in each relation.
2. identify any foreign keys in the relations (you may state them under this line).

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3. identify at least two possible domain-type constraints among the relations (you may state them under this line).

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