Assignment II

Question1

(A)

(a)

|  |  |
| --- | --- |
| Charter | char\_trip |
| Aircraft | ac\_number |
| Model | mod\_code |
| Pilot | emp\_num |
| Employee | emp\_num |
| Customer | cus\_code |

(b)

|  |  |
| --- | --- |
| Charter | char\_trip + char\_date |
| Aircraft | ac\_number + mod\_code |
| Model | mod\_code + mod\_name |
| Pilot | emp\_num + pil\_license |
| Employee | emp\_num + emp\_lname |
| Customer | cus\_num + cus\_lname |

(c)

|  |  |
| --- | --- |
| Charter | no other candidate keys |
| Aircraft | same as above |
| Model | same as above |
| Pilot | same as above |
| Employee | perhaps emp\_lname + emp\_fname + emp\_dob will do but still have chance not. |
| Customer | cus\_phone |

(d)

|  |  |
| --- | --- |
| Charter | char\_pilot  char\_copilot  ac\_number  cus\_code |
| Aircraft | mod\_code |
| Model | none |
| Pilot | emp\_num |
| Employee | none |
| Customer | none |

(e)

Secondary Key is the key that has not been selected to be the primary key. However, it is considered a candidate key for the primary key. So it should be the same answer with (c).

(B) Diagram, schematic

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(C) Diagram

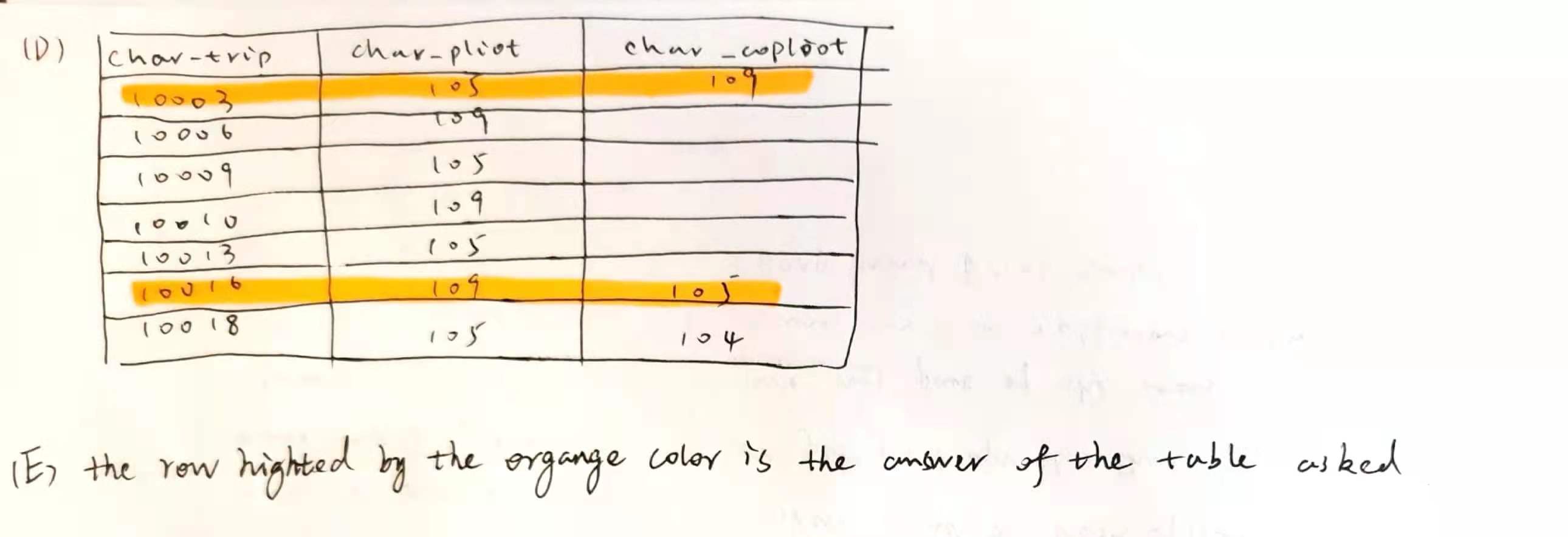
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(D)

Chart

Description automatically generated with medium confidence

(E)



Question2

Diagram, schematic

Description automatically generated

Question3