After doing the first two questions, I was unable to connect to Oracle at home, hence no results tables. I will add results tables for the other questions if/when I get the chance to run oracle.

1. SELECT DISTINCT PNAME, WEIGHT

FROM PART

WHERE COLOUR = ‘RED’

PNAME WEIGHT

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NUT 12

SCREW 14

COG 19

1. SELECT DISTINCT PNAME, COLOUR

FROM PART P, SUPPLY SPJ

WHERE P.P# = SPJ. P#

AND J# = ‘J2’

PNAME COLOUR

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BOLT GREEN

SCREW BLUE

SCREW RED

CAM BLUE

COG RED

1. SELECT DISTINCT PNAME, COLOUR

FROM PART P, SUPPLY SPJ, PROJECT J

WHERE P.P# = SPJ.P#

AND J.J# = SPJ.J#

AND J.CITY = ‘LONDON’

1. SELECT DISTINCT PNAME, COLOUR

FROM PART P, SUPPLY SPJ, PROJECT J

WHERE NOT EXISTS

(SELECT DISTINCT \*

FROM PROJECT J

WHERE CITY = ‘LONDON’)

1. SELECT DISTINCT SNAME, JNAME

FROM SUPPLIER S, PROJECT J, PART P, SUPPLY SPJ

WHERE S.S# = SPJ.S#

AND J.J# = SPJ.J#

AND SPJ.P# = ‘P5’

1. SELECT DISTINCT SNAME, JNAME

FROM SUPPLIER S, PROJECT J, SUPPLY SPJ

WHERE S.S# = SPJ.J#

AND J.J# = SPJ.J#

AND EXISTS

(SELECT \*

FROM PART P

WHERE P# = ‘P3’)

AND EXISTS

(SELECT \*

FROM PART P

WHERE P# = ‘P5’)

1. SELECT DISTINCT SNAME, PNAME, JNAME

FROM SUPPLIER S, PART P, PROJECT J, SUPPLY SPJ

WHERE S.CITY = P.CITY = J.CITY

1. SELECT DISTINCT J#

FROM SUPPLY S, PROJECT J, SUPPLY SPJ

WHERE S.S# = SPJ.S#

AND J.J# = SPJ.J#

AND NOT EXISTS

(SELECT \*

FROM SUPPLY S

WHERE CITY <> ‘PARIS’)

1. SELECT DISTINCT J#

FROM SUPPLY S, PROJECT J, SUPPLY SPJ

WHERE S.S# = SPJ.S#

AND J.J# = SPJ.J#

AND NOT EXISTS

(SELECT \*

FROM SUPPLY S

WHERE CITY = ‘PARIS’)

1. SELECT DISTINCT J#

FROM SUPPLY S, PART P, PROJECT J, SUPPLY SPJ

WHERE S.S# = SPJ.S#

AMD P.P# = SPJ.P#

AND J.J# = SPJ.J#

AND NOT EXISTS (

SELECT \*

FROM PART P

WHERE NOT EXIST

(SELECT \*

FROM SUPPLY S

WHERE CITY = ‘PARIS’)