Tarea #15

staffNo	name	position	salary	branchNo	branchAddress	telNo
S1500	Tom Daniels	Manager	46000	B001	8 Jefferson Way, Portland, OR 97201	503-555-3618
S0003	Sally Adams	Assistant	30000	B001	8 Jefferson Way, Portland, OR 97201	503-555-3618
S0010	Mary Martinez	Manager	50000	B002	City Center Plaza, Seattle, WA 98122	206-555-6756
S3250	Robert Chin	Supervisor	32000	B002	City Center Plaza, Seattle, WA 98122	206-555-6756
S2250	Sally Stern	Manager	48000	B004	16 – 14th Avenue, Seattle, WA 98128	206-555-3131
S0415	Art Peters	Manager	41000	B003	14 – 8th Avenue, New York, NY 10012	212-371-3000

a   b   c   d e   f   g

*Tomamos PK: {a,b}
  Dependencias: {a,e}→{b,c,d,f,g}, a→{b,c,d}, e→{f,g}

• Cumple 1FN, porque no hay grupos de repeticion ni atributos
  multivaluados. ✓

• No cumple 2FN, porque hay dependencias parciales ✗
  Solución:

PK

staffNo	name	position	salary
S1500	Tom Daniels	Manager	46000
S0003	Sally Adams	Assistant	30000
S0010	Mary Martinez	Manager	50000
S3250	Robert Chin	Supervisor	32000
S2250	Sally Stern	Manager	48000
S0415	Art Peters	Manager	41000

a→b   c   d

PK

branchNo	branchAddress	telNo
B001	8 Jefferson Way, Portland, OR 97201	503-555-3618
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B002	City Center Plaza, Seattle, WA 98122	206-555-6756
B002	City Center Plaza, Seattle, WA 98122	206-555-6756
B004	16 – 14th Avenue, Seattle, WA 98128	206-555-3131
B003	14 – 8th Avenue, New York, NY 10012	212-371-3000

e   f   g

PK   PK

staffNo	name
S1500	Tom Daniels
S0003	Sally Adams
S0010	Mary Martinez
S3250	Robert Chin
S2250	Sally Stern
S0415	Art Peters

• Cumple 3FN porque se encuentra en 2FN y no existen
  dependencias transitivas. ✓