**TASK 1 SQL**

CREATE TRIGGER UNKPTASK1

AFTER INSERT ON SIGHTINGS

FOR EACH ROW

WHEN NEW.PERSON NOT IN (SELECT NAME FROM MEMBERS)

BEGIN

SELECT RAISE(IGNORE);

-- print 'Error: Insert into the SIGHTINGS table references a person that is not found in the database.'

END;

**TASK 1 RESULT**

California flannelbush|Jennifer|Scodie Mountains|2006-06-26

Pale owls clover|Jennifer|Frog Meadows Guard Station|2006-06-01

Draperia|Jennifer|Steve Spring|2006-09-23

Sheltons violet|Jennifer|Covington Mountain|2006-06-18

One-seeded pussy paws|Jennifer|Scodie Mountains|2006-05-29

Ithuriels spear|Jennifer|Scodie Mountains|2006-06-07

Primrose monkeyflower|Jennifer|Bright Star Mine|2006-05-19

Yellow-and-white monkeyflower|Jennifer|Piute Peak|2006-04-18

Large false Solomons seal|Jennifer|Piute Lookout|2006-06-27

Showy Jacobs ladder|Jennifer|Grouse Meadow|2006-06-27

Douglas dustymaiden|Jennifer|Burton Mill|2006-05-29

Varied-leaved jewelflower|Jennifer|Breckenridge Mountain|2006-05-27

Death camas|Jennifer|Scodie Mountains|2006-07-09

Broad-seeded rock-cress|Jennifer|Double Mountain|2006-06-16

Diamond clarkia|Jennifer|Puerto del Suelo|2006-06-20

Leopard lily|Jennifer|Burton Mill|2006-07-25

Torreys lomatium|Jennifer|Puerto del Suelo|2006-09-21

Alpine penstemon|Jennifer|Scodie Mountains|2006-08-21

Alpine sheep sorrel|Jennifer|Camp Alto Campground|2006-06-15

Woodland star|Jennifer|Mack Meadow|2006-08-08

Rangers buttons|Jennifer|Breckenridge Fire Tower|2006-07-18

Doves-foot geranium|Jennifer|The George Lodge|2006-05-03

Globe gilia|Jennifer|Puerto del Suelo|2006-07-23

Canyon dudleya|Jennifer|Moreland Mill|2006-07-12

Red mountain heather|Jennifer|The George Lodge|2006-06-20

Hartwegs wild ginger|Jennifer|Piute Lookout|2006-05-18

Snow plant|Jennifer|Scodie Mountains|2006-06-09

Alpine lewisia|Jennifer|Piute Lookout|2006-05-25

Cow parsnip|Jennifer|Liebel Peak|2006-06-29

Sierra daisy|Jennifer|Double Mountain|2006-08-12

Bridges gilia|Jennifer|Don Levy Mine|2006-06-28

Sierra Nevada rush|Jennifer|Gwynnette Mine|2006-08-10

Purple penstemon|Jennifer|Piute Lookout|2006-06-30

Mud sedge|Jennifer|Alaska Flat|2006-05-17

Showy milkweed|Jennifer|Sawtooth Peak|2006-07-18

Kings sandwort|Jennifer|Sorrell Peak|2006-06-30

Ithuriels spear|Jennifer|Double Mountain|2006-08-20

One-seeded pussy paws|Jennifer|Scodie Mountains|2006-05-07

Alpine sheep sorrel|Jennifer|Scodie Mountains|2006-09-26

Varied-leaved jewelflower|Jennifer|San Emigdio Mountain|2006-05-26

Primrose monkeyflower|Jennifer|Puerto del Suelo|2006-07-11

Rangers buttons|Jennifer|Sorrell Peak|2006-05-08

Leopard lily|Jennifer|Piute Lookout|2006-07-27

Torreys lomatium|Jennifer|Alaska Flat|2006-05-13

Tinkers penny|Jennifer|Campo Alto Campground|2006-06-30

Sheltons violet|Jennifer|Burton Mill|2006-07-01

Bridges gilia|Jennifer|Don Levy Mine|2006-06-15

Broad-seeded rock-cress|Jennifer|Scodie Mountains|2006-06-26

Sierra stonecrop|Jennifer|Alaska Flat|2006-07-07

Death camas|Jennifer|Alaska Flat|2006-06-09

Alpine penstemon|Jennifer|Burton Mill|2006-05-21

Showy Jacobs ladder|Jennifer|McGill Campground|2006-06-03

Butter and eggs|Jennifer|Don Levy Mine|2006-06-29

Sierra daisy|Jennifer|Breckenridge Fire Tower|2006-05-20

Douglas dustymaiden|Jennifer|Scodie Mountains|2006-05-19

Cow parsnip|Jennifer|Black Mountain|2006-07-09

Pale owls clover|Jennifer|Alaska Flat|2006-07-11

Woodland star|Jennifer|Bright Star Mine|2006-06-22

Cow parsnip|Jennifer|Puerto del Suelo|2006-07-12

Sierra stonecrop|Jennifer|Inspiration Point|2006-06-03

Sheltons violet|Jennifer|Campo Alto Campground|2006-09-02

Primrose monkeyflower|Jennifer|Mack Meadow|2006-09-26

Broad-seeded rock-cress|Jennifer|Alaska Flat|2006-07-11

Douglas dustymaiden|Jennifer|Black Mountain|2006-06-07

Ithuriels spear|Jennifer|Frog Meadows Campground|2006-06-28

Showy Jacobs ladder|Jennifer|Don Levy Mine|2006-07-11

Death camas|Jennifer|Don Levy Mine|2006-06-24

Leopard lily|Jennifer|Inmans|2006-06-23

Pale owls clover|Jennifer|Scodie Mountains|2006-06-02

California flannelbush|Jennifer|Puerto del Suelo|2006-05-23

Red mountain heather|Jennifer|Piute Lookout|2006-06-29

Woodland star|Jennifer|Owens Peak|2006-08-17

One-seeded pussy paws|Jennifer|Tehachapi Mountain|2006-08-13

Alpine columbine|Jennifer|Bright Star Mine|2006-07-11

Varied-leaved jewelflower|Jennifer|Piute Lookout|2006-08-09

Torreys lomatium|Jennifer|King Solomons Ridge|2006-04-16

Tinkers penny|Jennifer|Scodie Mountains|2006-06-03

Alpine penstemon|Jennifer|Piute Lookout|2006-05-26

Large-leaved lupine|Jennifer|Alaska Flat|2006-06-18

Rangers buttons|Jennifer|Scodie Mountains|2006-07-21

One-sided wintergreen|Jennifer|Alaska Flat|2006-06-09

Condensed phlox|Jennifer|Breckenridge Mountain|2006-08-01

Doves-foot geranium|Jennifer|Skinner Peak|2006-05-25

Globe gilia|Jennifer|Puerto del Suelo|2006-06-12

Diamond clarkia|Jennifer|Brush Mountain|2006-06-16

Canyon dudleya|Jennifer|Steve Spring|2006-09-28

Large false Solomons seal|Jennifer|Liebel Peak|2006-06-25

Hartwegs wild ginger|Jennifer|Sorrell Peak|2006-08-27

Alpine lewisia|Jennifer|Breckenridge Fire Tower|2006-05-29

Sierra Nevada rush|Jennifer|McGill Campground|2006-07-29

Bridges gilia|Jennifer|Liebel Peak|2006-06-18

Alpine sheep sorrel|Jennifer|Scodie Mountains|2006-08-01

Mud sedge|Jennifer|Brown Peak|2006-07-18

Alpine penstemon|Jennifer|Frog Meadows Guard Station|2006-07-22

One-seeded pussy paws|Jennifer|Alaska Flat|2006-05-14

California flannelbush|Jennifer|Lone Star Mine|2006-05-09

Canyon dudleya|Jennifer|Breckenridge Mountain|2006-06-03

Broad-seeded rock-cress|Jennifer|Burton Mill|2006-05-28

Woodland star|Jennifer|Scodie Mountains|2006-06-14

Rangers buttons|Jennifer|Bright Star Mine|2006-07-22

Butter and eggs|Jennifer|Piute Lookout|2006-05-15

Showy Jacobs ladder|Jennifer|Scodie Mountains|2006-06-08

Ithuriels spear|Jennifer|Covington Mountain|2006-05-17

Primrose monkeyflower|Jennifer|Steve Spring|2006-06-01

Sheltons violet|Jennifer|Piute Lookout|2006-06-21

Douglas dustymaiden|Jennifer|Grouse Meadow|2006-05-06

Pale owls clover|Jennifer|Don Levy Mine|2006-07-15

Torreys lomatium|Jennifer|Liebel Peak|2006-05-19

Death camas|Jennifer|Piute Lookout|2006-05-07

Alpine sheep sorrel|Jennifer|Chula Vista Campground|2006-07-20

Varied-leaved jewelflower|Jennifer|Burton Mill|2006-07-08

Leopard lily|Jennifer|Scodie Mountains|2006-07-04

Doves-foot geranium|Jennifer|Tehachapi Mountain|2006-08-10

Globe gilia|Jennifer|King Solomons Ridge|2006-06-14

Large false Solomons seal|Jennifer|Breckenridge Fire Tower|2006-06-10

Hartwegs wild ginger|Jennifer|Cerro Noroeste|2006-08-04

Alpine lewisia|Jennifer|Puerto del Suelo|2006-07-25

Cow parsnip|Jennifer|Breckenridge Mountain|2006-06-01

Bridges gilia|Jennifer|Bright Star Mine|2006-06-23

Purple penstemon|Jennifer|Scodie Mountains|2006-09-22

Sierra angelica|Jennifer|Covington Mountain|2006-08-22

Sierra Nevada rush|Jennifer|Sawtooth Peak|2006-05-13

Mud sedge|Jennifer|Sorrell Peak|2006-08-20

Draperia|Jennifer|Mount Jenkins|2006-07-03

Showy milkweed|Jennifer|Scodie Mountains|2006-05-12

Sierra stonecrop|Jennifer|King Solomons Ridge|2006-05-21

Hoary buckwheat|Jennifer|Scodie Mountains|2006-05-12

Ithuriels spear|Jennifer|Scodie Mountains|2006-07-03

Bridges gilia|Maria|Chula Vista Campground|2006-06-26

Oak violet|Maria|Don Levy Mine|2006-06-01

California flannelbush|Maria|Scodie Mountains|2006-06-02

Condensed phlox|Maria|Sawtooth Peak|2006-05-07

Douglas dustymaiden|Maria|Piute Lookout|2006-07-11

Pale owls clover|Maria|Covington Mountain|2006-06-28

Diamond clarkia|Maria|Cerro Noroeste|2006-07-16

Primrose monkeyflower|Maria|Double Mountain|2006-08-10

Sheltons violet|Maria|Campo Alto Campground|2006-08-01

Showy Jacobs ladder|Maria|Inmans|2006-05-02

Death camas|Maria|Scodie Mountains|2006-06-04

Broad-seeded rock-cress|Maria|Tehachapi Mountain|2006-05-17

Woodland star|Maria|Cerro Noroeste|2006-09-12

One-seeded pussy paws|Maria|Double Mountain|2006-09-14

Varied-leaved jewelflower|Maria|Scodie Mountains|2006-06-04

Cow parsnip|Maria|Puerto del Suelo|2006-05-14

Leopard lily|Maria|Chula Vista Campground|2006-08-14

Torreys lomatium|Maria|Piute Peak|2006-05-15

Alpine penstemon|Maria|Mack Meadow|2006-09-13

Rangers buttons|Maria|Moreland Mill|2006-07-22

Doves-foot geranium|Maria|Alaska Flat|2006-09-17

Globe gilia|Maria|Liebel Peak|2006-07-14

Canyon dudleya|Maria|Frog Meadows Campground|2006-07-06

Large false Solomons seal|Maria|Scodie Mountains|2006-04-20

Hartwegs wild ginger|Maria|Lone Star Mine|2006-06-16

Alpine lewisia|Maria|Alaska Flat|2006-07-16

Alpine sheep sorrel|Maria|Scodie Mountains|2006-09-23

Sierra Nevada rush|Maria|Alaska Flat|2006-05-01

Mud sedge|Maria|Piute Peak|2006-06-26

Draperia|Maria|Scodie Mountains|2006-05-11

Showy milkweed|Maria|Cerro Noroeste|2006-06-11

Butter and eggs|Maria|Scodie Mountains|2006-08-06

Snow plant|Maria|Piute Lookout|2006-07-10

Sierra stonecrop|Maria|Scodie Mountains|2006-06-30

Sierra daisy|Maria|Alaska Flat|2006-05-16

Large-leaved lupine|Maria|Piute Lookout|2006-07-03

Hoary buckwheat|Maria|Puerto del Suelo|2006-08-24

Sierra angelica|Maria|Grouse Meadow|2006-05-19

Alpine columbine|Maria|Chula Vista Campground|2006-08-28

Water groundsel|Maria|Piute Lookout|2006-05-19

Kings sandwort|Maria|Don Levy Mine|2006-06-01

Woolly sunflower|Maria|Don Levy Mine|2006-07-23

One-sided wintergreen|Maria|Frog Meadows Campground|2006-06-11

Red mountain heather|Maria|Puerto del Suelo|2006-08-14

Purple penstemon|Maria|Bright Star Mine|2006-05-23

Fireweed|Maria|Cerro Noroeste|2006-05-29

Tinkers penny|Maria|Scodie Mountains|2006-07-14

Yellow-and-white monkeyflower|Maria|Burton Mill|2006-06-07

Lovage|Maria|Burton Mill|2006-05-14

Broad-seeded rock-cress|Maria|Cerro Noroeste|2006-04-02

Primrose monkeyflower|Maria|Don Levy Mine|2006-06-12

Cow parsnip|Maria|Scodie Mountains|2006-06-05

Ithuriels spear|Maria|Burton Mill|2006-06-26

Death camas|Maria|Inspiration Point|2006-06-07

Sierra stonecrop|Maria|Inspiration Point|2006-06-16

Sheltons violet|Maria|KBAK-TV|2006-07-06

Pale owls clover|Maria|Scodie Mountains|2006-06-12

Showy Jacobs ladder|Maria|Burton Mill|2006-08-22

Showy milkweed|Maria|Piute Lookout|2006-05-30

Oak violet|Maria|Steve Spring|2006-06-28

Douglas dustymaiden|Maria|Burton Mill|2006-04-14

Canyon dudleya|Maria|Sawtooth Peak|2006-05-08

One-seeded pussy paws|Maria|The George Lodge|2006-06-21

Varied-leaved jewelflower|Maria|Covington Mountain|2006-04-16

Woodland star|Maria|Liebel Peak|2006-05-08

Leopard lily|Maria|Scodie Mountains|2006-06-02

Bridges gilia|Maria|Don Levy Mine|2006-07-18

Torreys lomatium|Maria|Piute Peak|2006-07-05

Alpine penstemon|Maria|Inspiration Point|2006-07-16

Rangers buttons|Maria|Alaska Flat|2006-08-11

Doves-foot geranium|Maria|Chula Vista Campground|2006-06-06

Butter and eggs|Maria|Scodie Mountains|2006-05-20

Globe gilia|Maria|Moreland Mill|2006-05-01

Large false Solomons seal|Maria|Brown Meadow|2006-05-10

Hoary buckwheat|Maria|Scodie Mountains|2006-07-26

Alpine columbine|Donna|Chula Vista Campground|2006-07-03

California flannelbush|Donna|Piute Lookout|2006-09-01

Pale owls clover|Donna|San Emigdio Mountain|2006-04-20

Ithuriels spear|Donna|Piute Lookout|2006-04-30

Primrose monkeyflower|Donna|Breckenridge Mountain|2006-08-23

Kings sandwort|Donna|Frog Meadows Campground|2006-06-27

Sheltons violet|Donna|Piute Lookout|2006-09-24

Sierra angelica|Donna|Puerto del Suelo|2006-06-16

Alpine sheep sorrel|Donna|Sorrell Peak|2006-06-16

Showy Jacobs ladder|Donna|Skinner Peak|2006-07-13

Cow parsnip|Donna|Alaska Flat|2006-06-21

Doves-foot geranium|Donna|Puerto del Suelo|2006-06-08

Ithuriels spear|Donna|Piute Lookout|2006-08-04

Globe gilia|Donna|Scodie Mountains|2006-09-14

Primrose monkeyflower|Donna|Tecuya Mountain|2006-07-19

California flannelbush|Donna|Scodie Mountains|2006-05-21

Broad-seeded rock-cress|Donna|Piute Lookout|2006-05-16

Death camas|Donna|Don Levy Mine|2006-08-11

Rangers buttons|Donna|Double Mountain|2006-07-07

Sierra stonecrop|Donna|Double Mountain|2006-05-01

Sheltons violet|Donna|Don Levy Mine|2006-06-18

Sierra Nevada rush|Donna|Sorrell Peak|2006-05-20

Showy Jacobs ladder|Donna|Scodie Mountains|2006-07-19

Sheltons violet|Brad|Piute Spring|2006-06-05

California flannelbush|Brad|Scodie Mountains|2006-07-10

Douglas dustymaiden|Brad|Chula Vista Campground|2006-07-09

Douglas dustymaiden|Jennifer|Double Mountain|2008-11-28

Douglas dustymaiden|Brad|Shirley Peak|2007-08-18

Douglas dustymaiden|Donna|Grouse Meadow|2011-11-28

Douglas dustymaiden|Maria|Grouse Meadow|2014-08-16

Douglas dustymaiden|Joe|Piute Peak|2007-02-17

**TASK 2 SQL**

CREATE TRIGGER UNKPTASK2

AFTER INSERT ON SIGHTINGS

FOR EACH ROW

WHEN NEW.PERSON NOT IN (SELECT NAME FROM MEMBERS)

BEGIN

INSERT INTO MEMBERS VALUES

(NEW.PERSON, NULL, 1);

END;

**TASK 2 RESULT**

California flannelbush|Jennifer|Scodie Mountains|2006-06-26

Pale owls clover|Jennifer|Frog Meadows Guard Station|2006-06-01

Draperia|Jennifer|Steve Spring|2006-09-23

Sheltons violet|Jennifer|Covington Mountain|2006-06-18

One-seeded pussy paws|Jennifer|Scodie Mountains|2006-05-29

Ithuriels spear|Jennifer|Scodie Mountains|2006-06-07

Primrose monkeyflower|Jennifer|Bright Star Mine|2006-05-19

Yellow-and-white monkeyflower|Jennifer|Piute Peak|2006-04-18

Large false Solomons seal|Jennifer|Piute Lookout|2006-06-27

Showy Jacobs ladder|Jennifer|Grouse Meadow|2006-06-27

Douglas dustymaiden|Jennifer|Burton Mill|2006-05-29

Varied-leaved jewelflower|Jennifer|Breckenridge Mountain|2006-05-27

Death camas|Jennifer|Scodie Mountains|2006-07-09

Broad-seeded rock-cress|Jennifer|Double Mountain|2006-06-16

Diamond clarkia|Jennifer|Puerto del Suelo|2006-06-20

Leopard lily|Jennifer|Burton Mill|2006-07-25

Torreys lomatium|Jennifer|Puerto del Suelo|2006-09-21

Alpine penstemon|Jennifer|Scodie Mountains|2006-08-21

Alpine sheep sorrel|Jennifer|Camp Alto Campground|2006-06-15

Woodland star|Jennifer|Mack Meadow|2006-08-08

Rangers buttons|Jennifer|Breckenridge Fire Tower|2006-07-18

Doves-foot geranium|Jennifer|The George Lodge|2006-05-03

Globe gilia|Jennifer|Puerto del Suelo|2006-07-23

Canyon dudleya|Jennifer|Moreland Mill|2006-07-12

Red mountain heather|Jennifer|The George Lodge|2006-06-20

Hartwegs wild ginger|Jennifer|Piute Lookout|2006-05-18

Snow plant|Jennifer|Scodie Mountains|2006-06-09

Alpine lewisia|Jennifer|Piute Lookout|2006-05-25

Cow parsnip|Jennifer|Liebel Peak|2006-06-29

Sierra daisy|Jennifer|Double Mountain|2006-08-12

Bridges gilia|Jennifer|Don Levy Mine|2006-06-28

Sierra Nevada rush|Jennifer|Gwynnette Mine|2006-08-10

Purple penstemon|Jennifer|Piute Lookout|2006-06-30

Mud sedge|Jennifer|Alaska Flat|2006-05-17

Showy milkweed|Jennifer|Sawtooth Peak|2006-07-18

Kings sandwort|Jennifer|Sorrell Peak|2006-06-30

Ithuriels spear|Jennifer|Double Mountain|2006-08-20

One-seeded pussy paws|Jennifer|Scodie Mountains|2006-05-07

Alpine sheep sorrel|Jennifer|Scodie Mountains|2006-09-26

Varied-leaved jewelflower|Jennifer|San Emigdio Mountain|2006-05-26

Primrose monkeyflower|Jennifer|Puerto del Suelo|2006-07-11

Rangers buttons|Jennifer|Sorrell Peak|2006-05-08

Leopard lily|Jennifer|Piute Lookout|2006-07-27

Torreys lomatium|Jennifer|Alaska Flat|2006-05-13

Tinkers penny|Jennifer|Campo Alto Campground|2006-06-30

Sheltons violet|Jennifer|Burton Mill|2006-07-01

Bridges gilia|Jennifer|Don Levy Mine|2006-06-15

Broad-seeded rock-cress|Jennifer|Scodie Mountains|2006-06-26

Sierra stonecrop|Jennifer|Alaska Flat|2006-07-07

Death camas|Jennifer|Alaska Flat|2006-06-09

Alpine penstemon|Jennifer|Burton Mill|2006-05-21

Showy Jacobs ladder|Jennifer|McGill Campground|2006-06-03

Butter and eggs|Jennifer|Don Levy Mine|2006-06-29

Sierra daisy|Jennifer|Breckenridge Fire Tower|2006-05-20

Douglas dustymaiden|Jennifer|Scodie Mountains|2006-05-19

Cow parsnip|Jennifer|Black Mountain|2006-07-09

Pale owls clover|Jennifer|Alaska Flat|2006-07-11

Woodland star|Jennifer|Bright Star Mine|2006-06-22

Cow parsnip|Jennifer|Puerto del Suelo|2006-07-12

Sierra stonecrop|Jennifer|Inspiration Point|2006-06-03

Sheltons violet|Jennifer|Campo Alto Campground|2006-09-02

Primrose monkeyflower|Jennifer|Mack Meadow|2006-09-26

Broad-seeded rock-cress|Jennifer|Alaska Flat|2006-07-11

Douglas dustymaiden|Jennifer|Black Mountain|2006-06-07

Ithuriels spear|Jennifer|Frog Meadows Campground|2006-06-28

Showy Jacobs ladder|Jennifer|Don Levy Mine|2006-07-11

Death camas|Jennifer|Don Levy Mine|2006-06-24

Leopard lily|Jennifer|Inmans|2006-06-23

Pale owls clover|Jennifer|Scodie Mountains|2006-06-02

California flannelbush|Jennifer|Puerto del Suelo|2006-05-23

Red mountain heather|Jennifer|Piute Lookout|2006-06-29

Woodland star|Jennifer|Owens Peak|2006-08-17

One-seeded pussy paws|Jennifer|Tehachapi Mountain|2006-08-13

Alpine columbine|Jennifer|Bright Star Mine|2006-07-11

Varied-leaved jewelflower|Jennifer|Piute Lookout|2006-08-09

Torreys lomatium|Jennifer|King Solomons Ridge|2006-04-16

Tinkers penny|Jennifer|Scodie Mountains|2006-06-03

Alpine penstemon|Jennifer|Piute Lookout|2006-05-26

Large-leaved lupine|Jennifer|Alaska Flat|2006-06-18

Rangers buttons|Jennifer|Scodie Mountains|2006-07-21

One-sided wintergreen|Jennifer|Alaska Flat|2006-06-09

Condensed phlox|Jennifer|Breckenridge Mountain|2006-08-01

Doves-foot geranium|Jennifer|Skinner Peak|2006-05-25

Globe gilia|Jennifer|Puerto del Suelo|2006-06-12

Diamond clarkia|Jennifer|Brush Mountain|2006-06-16

Canyon dudleya|Jennifer|Steve Spring|2006-09-28

Large false Solomons seal|Jennifer|Liebel Peak|2006-06-25

Hartwegs wild ginger|Jennifer|Sorrell Peak|2006-08-27

Alpine lewisia|Jennifer|Breckenridge Fire Tower|2006-05-29

Sierra Nevada rush|Jennifer|McGill Campground|2006-07-29

Bridges gilia|Jennifer|Liebel Peak|2006-06-18

Alpine sheep sorrel|Jennifer|Scodie Mountains|2006-08-01

Mud sedge|Jennifer|Brown Peak|2006-07-18

Alpine penstemon|Jennifer|Frog Meadows Guard Station|2006-07-22

One-seeded pussy paws|Jennifer|Alaska Flat|2006-05-14

California flannelbush|Jennifer|Lone Star Mine|2006-05-09

Canyon dudleya|Jennifer|Breckenridge Mountain|2006-06-03

Broad-seeded rock-cress|Jennifer|Burton Mill|2006-05-28

Woodland star|Jennifer|Scodie Mountains|2006-06-14

Rangers buttons|Jennifer|Bright Star Mine|2006-07-22

Butter and eggs|Jennifer|Piute Lookout|2006-05-15

Showy Jacobs ladder|Jennifer|Scodie Mountains|2006-06-08

Ithuriels spear|Jennifer|Covington Mountain|2006-05-17

Primrose monkeyflower|Jennifer|Steve Spring|2006-06-01

Sheltons violet|Jennifer|Piute Lookout|2006-06-21

Douglas dustymaiden|Jennifer|Grouse Meadow|2006-05-06

Pale owls clover|Jennifer|Don Levy Mine|2006-07-15

Torreys lomatium|Jennifer|Liebel Peak|2006-05-19

Death camas|Jennifer|Piute Lookout|2006-05-07

Alpine sheep sorrel|Jennifer|Chula Vista Campground|2006-07-20

Varied-leaved jewelflower|Jennifer|Burton Mill|2006-07-08

Leopard lily|Jennifer|Scodie Mountains|2006-07-04

Doves-foot geranium|Jennifer|Tehachapi Mountain|2006-08-10

Globe gilia|Jennifer|King Solomons Ridge|2006-06-14

Large false Solomons seal|Jennifer|Breckenridge Fire Tower|2006-06-10

Hartwegs wild ginger|Jennifer|Cerro Noroeste|2006-08-04

Alpine lewisia|Jennifer|Puerto del Suelo|2006-07-25

Cow parsnip|Jennifer|Breckenridge Mountain|2006-06-01

Bridges gilia|Jennifer|Bright Star Mine|2006-06-23

Purple penstemon|Jennifer|Scodie Mountains|2006-09-22

Sierra angelica|Jennifer|Covington Mountain|2006-08-22

Sierra Nevada rush|Jennifer|Sawtooth Peak|2006-05-13

Mud sedge|Jennifer|Sorrell Peak|2006-08-20

Draperia|Jennifer|Mount Jenkins|2006-07-03

Showy milkweed|Jennifer|Scodie Mountains|2006-05-12

Sierra stonecrop|Jennifer|King Solomons Ridge|2006-05-21

Hoary buckwheat|Jennifer|Scodie Mountains|2006-05-12

Ithuriels spear|Jennifer|Scodie Mountains|2006-07-03

Bridges gilia|Maria|Chula Vista Campground|2006-06-26

Oak violet|Maria|Don Levy Mine|2006-06-01

California flannelbush|Maria|Scodie Mountains|2006-06-02

Condensed phlox|Maria|Sawtooth Peak|2006-05-07

Douglas dustymaiden|Maria|Piute Lookout|2006-07-11

Pale owls clover|Maria|Covington Mountain|2006-06-28

Diamond clarkia|Maria|Cerro Noroeste|2006-07-16

Primrose monkeyflower|Maria|Double Mountain|2006-08-10

Sheltons violet|Maria|Campo Alto Campground|2006-08-01

Showy Jacobs ladder|Maria|Inmans|2006-05-02

Death camas|Maria|Scodie Mountains|2006-06-04

Broad-seeded rock-cress|Maria|Tehachapi Mountain|2006-05-17

Woodland star|Maria|Cerro Noroeste|2006-09-12

One-seeded pussy paws|Maria|Double Mountain|2006-09-14

Varied-leaved jewelflower|Maria|Scodie Mountains|2006-06-04

Cow parsnip|Maria|Puerto del Suelo|2006-05-14

Leopard lily|Maria|Chula Vista Campground|2006-08-14

Torreys lomatium|Maria|Piute Peak|2006-05-15

Alpine penstemon|Maria|Mack Meadow|2006-09-13

Rangers buttons|Maria|Moreland Mill|2006-07-22

Doves-foot geranium|Maria|Alaska Flat|2006-09-17

Globe gilia|Maria|Liebel Peak|2006-07-14

Canyon dudleya|Maria|Frog Meadows Campground|2006-07-06

Large false Solomons seal|Maria|Scodie Mountains|2006-04-20

Hartwegs wild ginger|Maria|Lone Star Mine|2006-06-16

Alpine lewisia|Maria|Alaska Flat|2006-07-16

Alpine sheep sorrel|Maria|Scodie Mountains|2006-09-23

Sierra Nevada rush|Maria|Alaska Flat|2006-05-01

Mud sedge|Maria|Piute Peak|2006-06-26

Draperia|Maria|Scodie Mountains|2006-05-11

Showy milkweed|Maria|Cerro Noroeste|2006-06-11

Butter and eggs|Maria|Scodie Mountains|2006-08-06

Snow plant|Maria|Piute Lookout|2006-07-10

Sierra stonecrop|Maria|Scodie Mountains|2006-06-30

Sierra daisy|Maria|Alaska Flat|2006-05-16

Large-leaved lupine|Maria|Piute Lookout|2006-07-03

Hoary buckwheat|Maria|Puerto del Suelo|2006-08-24

Sierra angelica|Maria|Grouse Meadow|2006-05-19

Alpine columbine|Maria|Chula Vista Campground|2006-08-28

Water groundsel|Maria|Piute Lookout|2006-05-19

Kings sandwort|Maria|Don Levy Mine|2006-06-01

Woolly sunflower|Maria|Don Levy Mine|2006-07-23

One-sided wintergreen|Maria|Frog Meadows Campground|2006-06-11

Red mountain heather|Maria|Puerto del Suelo|2006-08-14

Purple penstemon|Maria|Bright Star Mine|2006-05-23

Fireweed|Maria|Cerro Noroeste|2006-05-29

Tinkers penny|Maria|Scodie Mountains|2006-07-14

Yellow-and-white monkeyflower|Maria|Burton Mill|2006-06-07

Lovage|Maria|Burton Mill|2006-05-14

Broad-seeded rock-cress|Maria|Cerro Noroeste|2006-04-02

Primrose monkeyflower|Maria|Don Levy Mine|2006-06-12

Cow parsnip|Maria|Scodie Mountains|2006-06-05

Ithuriels spear|Maria|Burton Mill|2006-06-26

Death camas|Maria|Inspiration Point|2006-06-07

Sierra stonecrop|Maria|Inspiration Point|2006-06-16

Sheltons violet|Maria|KBAK-TV|2006-07-06

Pale owls clover|Maria|Scodie Mountains|2006-06-12

Showy Jacobs ladder|Maria|Burton Mill|2006-08-22

Showy milkweed|Maria|Piute Lookout|2006-05-30

Oak violet|Maria|Steve Spring|2006-06-28

Douglas dustymaiden|Maria|Burton Mill|2006-04-14

Canyon dudleya|Maria|Sawtooth Peak|2006-05-08

One-seeded pussy paws|Maria|The George Lodge|2006-06-21

Varied-leaved jewelflower|Maria|Covington Mountain|2006-04-16

Woodland star|Maria|Liebel Peak|2006-05-08

Leopard lily|Maria|Scodie Mountains|2006-06-02

Bridges gilia|Maria|Don Levy Mine|2006-07-18

Torreys lomatium|Maria|Piute Peak|2006-07-05

Alpine penstemon|Maria|Inspiration Point|2006-07-16

Rangers buttons|Maria|Alaska Flat|2006-08-11

Doves-foot geranium|Maria|Chula Vista Campground|2006-06-06

Butter and eggs|Maria|Scodie Mountains|2006-05-20

Globe gilia|Maria|Moreland Mill|2006-05-01

Large false Solomons seal|Maria|Brown Meadow|2006-05-10

Hoary buckwheat|Maria|Scodie Mountains|2006-07-26

Alpine columbine|Donna|Chula Vista Campground|2006-07-03

California flannelbush|Donna|Piute Lookout|2006-09-01

Pale owls clover|Donna|San Emigdio Mountain|2006-04-20

Ithuriels spear|Donna|Piute Lookout|2006-04-30

Primrose monkeyflower|Donna|Breckenridge Mountain|2006-08-23

Kings sandwort|Donna|Frog Meadows Campground|2006-06-27

Sheltons violet|Donna|Piute Lookout|2006-09-24

Sierra angelica|Donna|Puerto del Suelo|2006-06-16

Alpine sheep sorrel|Donna|Sorrell Peak|2006-06-16

Showy Jacobs ladder|Donna|Skinner Peak|2006-07-13

Cow parsnip|Donna|Alaska Flat|2006-06-21

Doves-foot geranium|Donna|Puerto del Suelo|2006-06-08

Ithuriels spear|Donna|Piute Lookout|2006-08-04

Globe gilia|Donna|Scodie Mountains|2006-09-14

Primrose monkeyflower|Donna|Tecuya Mountain|2006-07-19

California flannelbush|Donna|Scodie Mountains|2006-05-21

Broad-seeded rock-cress|Donna|Piute Lookout|2006-05-16

Death camas|Donna|Don Levy Mine|2006-08-11

Rangers buttons|Donna|Double Mountain|2006-07-07

Sierra stonecrop|Donna|Double Mountain|2006-05-01

Sheltons violet|Donna|Don Levy Mine|2006-06-18

Sierra Nevada rush|Donna|Sorrell Peak|2006-05-20

Showy Jacobs ladder|Donna|Scodie Mountains|2006-07-19

Sheltons violet|Brad|Piute Spring|2006-06-05

California flannelbush|Brad|Scodie Mountains|2006-07-10

Douglas dustymaiden|Brad|Chula Vista Campground|2006-07-09

Douglas dustymaiden|Jennifer|Double Mountain|2008-11-28

Douglas dustymaiden|Brad|Shirley Peak|2007-08-18

Douglas dustymaiden|Donna|Grouse Meadow|2011-11-28

Douglas dustymaiden|Maria|Grouse Meadow|2014-08-16

Douglas dustymaiden|Joe|Piute Peak|2007-02-17

Joe||1

**TASK 3 SQL**

CREATE TRIGGER LATINTASK3

AFTER INSERT ON SIGHTINGS

FOR EACH ROW

WHEN NEW.NAME NOT IN (SELECT f1.COMNAME FROM FLOWERS f1) AND

NEW.NAME IN (SELECT f2.GENUS || ' ' || f2.SPECIES FROM FLOWERS f2)

BEGIN

UPDATE SIGHTINGS

SET NAME = (SELECT f3.COMNAME

FROM FLOWERS f3

WHERE NEW.NAME = (f3.GENUS || ' ' || f3.SPECIES))

WHERE NEW.NAME = NAME AND

NEW.PERSON = PERSON AND

NEW.LOCATION = LOCATION AND

NEW.SIGHTED = SIGHTED;

-- print 'Latin name, rather than common name, insertion attempted. Common name inserted.'

END;

**TASK 3 RESULT**

Sky pilot|Person X|Grouse Meadow|2006-08-18

Hoar buckwheat|Person X|Grouse Meadow|2006-08-18

Death camas|Person X|Grouse Meadow|2006-08-18

Mud sedge|Person Y|Grouse Meadow|2006-08-18

Draperia|Person Z|Grouse Meadow|2006-08-18