

Query

a) Display the total number of zones.

Desired Output

Total Zones
9

b) Display the number of flowers per cool zone.

Cool Zone	Number of Flowers
2	3
3	3
4	2
5	1
10	1

c) List the common names of the plants that have delivery sizes less than 5.

Common Name	Delivery Size
Thorndale Ivy	1.500
Black Eyed Susan	2.250
Nikko Blue Hydrangea	4.250

d) List the common names and sun needs of the plants that require full sun.
(Plants requiring full sun have an ‘S’ in sun needs.)

Common Name	Sun Needs
Purple Liatris	StoP
Black Eyed Susan	StoP
Nikko Blue Hydrangea	StoSH
Variegated Weigela	StoP
Lombardy Poplar	S
Purple Leaf Plum Hedge	S
Thorndale Ivy	StoSH

e) List the delivery category names alphabetically, without repetition.

Delivery Categories
bulb
hedge
plant
pot
shrub
tree

f) Produce this exact output, including the headings (order by name, ascending):

Name	Cool Zone (low)	Cool Zone (high)	Delivery Category
Black Eyed Susan	-30	-20	pot
Lady Fern	-50	-40	plant
Lily-of-the-Valley	-50	-40	plant
Lombardy Poplar	-40	-30	tree
Nikko Blue Hydrangea	-20	-10	pot
Pink Caladiums	30	40	bulb
Purple Leaf Plum Hedge	-50	-40	hedge
Purple Liatris	-40	-30	bulb
Thorndale Ivy	-40	-30	pot
Variegated Weigela	-30	-20	shrub

g) List the common names of plants that have the same hot zone as “Pink Caladiums”.
(The solution must store hot zone in a variable.)

Common Name
Pink Caladiums
Black Eyed Susan

h) Display the following statistics based on the plants that have delivery sizes:

- total number of plants
- minimum delivery size
- maximum delivery size
- average delivery size *(Round to two decimals)*

Total	Min	Max	Average
6	1.5	36.0	14.33

i) Display the Latin name of the plant that has the word ‘Eyed’ in its common name.
(The solution must use LIKE.)

Latin Name
Rudbeckia fulgida var. specios

j) List the category and common name of the plants in ascending order by category name, then common name.

Category	Name
bulb	Pink Caladiums
bulb	Purple Liatris
hedge	Purple Leaf Plum Hedge
plant	Lady Fern
plant	Lily-of-the-Valley
pot	Black Eyed Susan
pot	Nikko Blue Hydrangea
pot	Thorndale Ivy
shrub	Variegated Weigela
tree	Lombardy Poplar