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Date _____ Page _____

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4th Sem, 'A' Sec.

- Calling functions
  - obtaining Multiple outputs from function calls
  - The size function can be applied to an array to products produce a single output variable containing the array size.

    S = size(x)

    → dsize = size(data)
  - Create the variables dr and dc which respectively contain the number of rows and columns of variable data.

    → [dr, dc] = size(data)

    → [VMax, iVMax] = max(V2)
- obtaining help :-

  Use the documentation for

'randi' to help complete the task below.

- Create a matrix named X that
- Contains random integers in the range from 1 to 20
- Has 5 rows
- Has 7 columns

→ X = randi(20, 5, 7)

- plotting Vectors

① Two Vectors of the same length can be plotted against each other using the plot function

plot (x, y)

plot (Sample, mass 1)

② plot (Sample, mass 2, "r*")

③ hold on

plot (Sample, mass 1, "ks")

④ hold off

⑤ plot (V1)

⑥ plot (V1, "LineWidth", 3)

⑦ plot (Sample, V1, "ro-", "Line Width", 4)