**Frequently Occurring Errors (FOE)** –

1. Error using \*

Inner matrix dimensions must agree. (CHECK WORKSPACE FOR DIMENSIONS)

1. Undefined function or variable 'x'. – (VARIABLE DO NOT EXIST OR CASE SENSITIVE)
2. sum(1:)

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Error: Unbalanced or unexpected parenthesis or bracket. (ERROR SAYS IT ALL)

1. printf(‘%d\n’,x);

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Error: The input character is not valid in MATLAB statements or

expressions. (SYNTAX ERROR)

1. Undefined function 'printf' for input arguments of type 'char'. (CHECK DATA TYPE OF Variables by default it is int for numbers and char for characters)
2. a(3)

Index exceeds matrix dimensions. (ATTEMPTING TO ACCESS OUT OF DIMENSION INDEX , here ‘a’ must be of size less than 3 that’s why the error)

1. Subscript indices must either be real positive

integers or logicals. (INDICES i.e. *i* in *a(i)* IS NOT A WHOLE NUMBER i.e it is either Zero or Negative or Fraction or changes to Zero or Negative or Fraction somewhere in the code)