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MATRIC NO: 19/SCI01/083

**EUCLIDEAN ALOGORITHM**

Step 1: Begin

Step 2: Determine values of denominator, numerator, remainder, num 1 and num 2

Step 3: Enter values of number 1 and 2

Step 4: if [num 1 > num 2] {denominator = num 1 & numerator = num 2}

Step 5: Else denominator = num 1 & numerator = num 2

Step 6: Remainder = numerator (modulus) denominator

Step 7: If (remainder = 0) (numerator = denominator)(denominator = remainder)

Step 8: While remainder is not equal to 0, print denominator as the GCD

Step 9: End

Denominator = n

Numerator = m

