**FREQUENCY DISTRIBUTION & HISTOGRAM**

**Assignment Number 8**

Register Number: 1740256

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**Question 1**

**Aim** – Construct a frequency distribution and histogram for a set of 50 randomly selected data values lying between 12 and 212. Use the function =RANDBETWEEN(12,212).

**Question 2**

**Aim** – Using the following data, construct a histogram and a frequency curve.

|  |  |
| --- | --- |
| CI | FrequencyE |
| 150-250 | 8 |
| 250-350 | 10 |
| 350-450 | 15 |
| 450-550 | 24 |
| 550-650 | 40 |
| 650-750 | 20 |
| 750-850 | 15 |
| 850-950 | 7 |

1. Enter the data into excel and go to insert.
2. Make a new column titled midpoints and obtain the midpoints of each class by dividing the sum of upper and lower limits by 2.
3. Choose the midpoint column and the corresponding frequency column and go to insert and choose line chart under the chart tag.