**Name : Yumna Mubeen**

**F.Name : Muhammad Nadeem**

**Section : A**

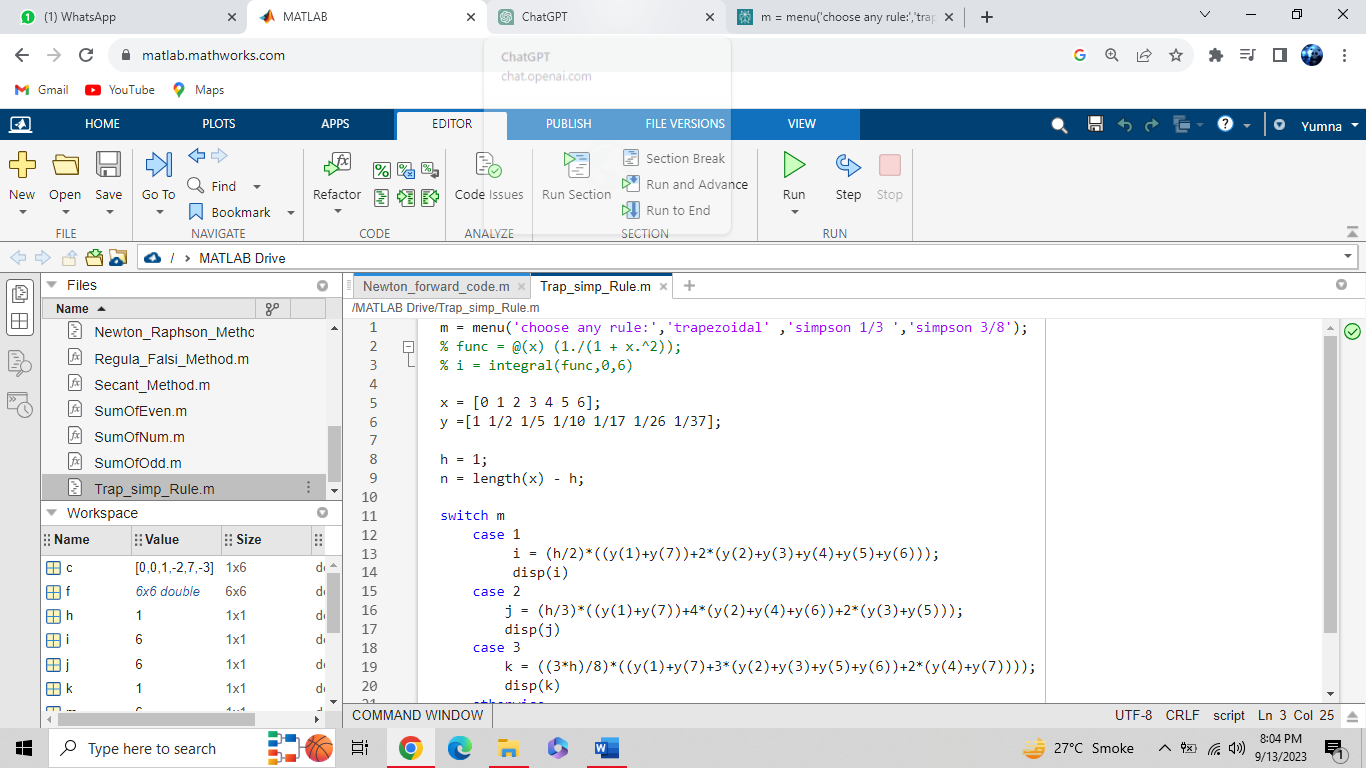
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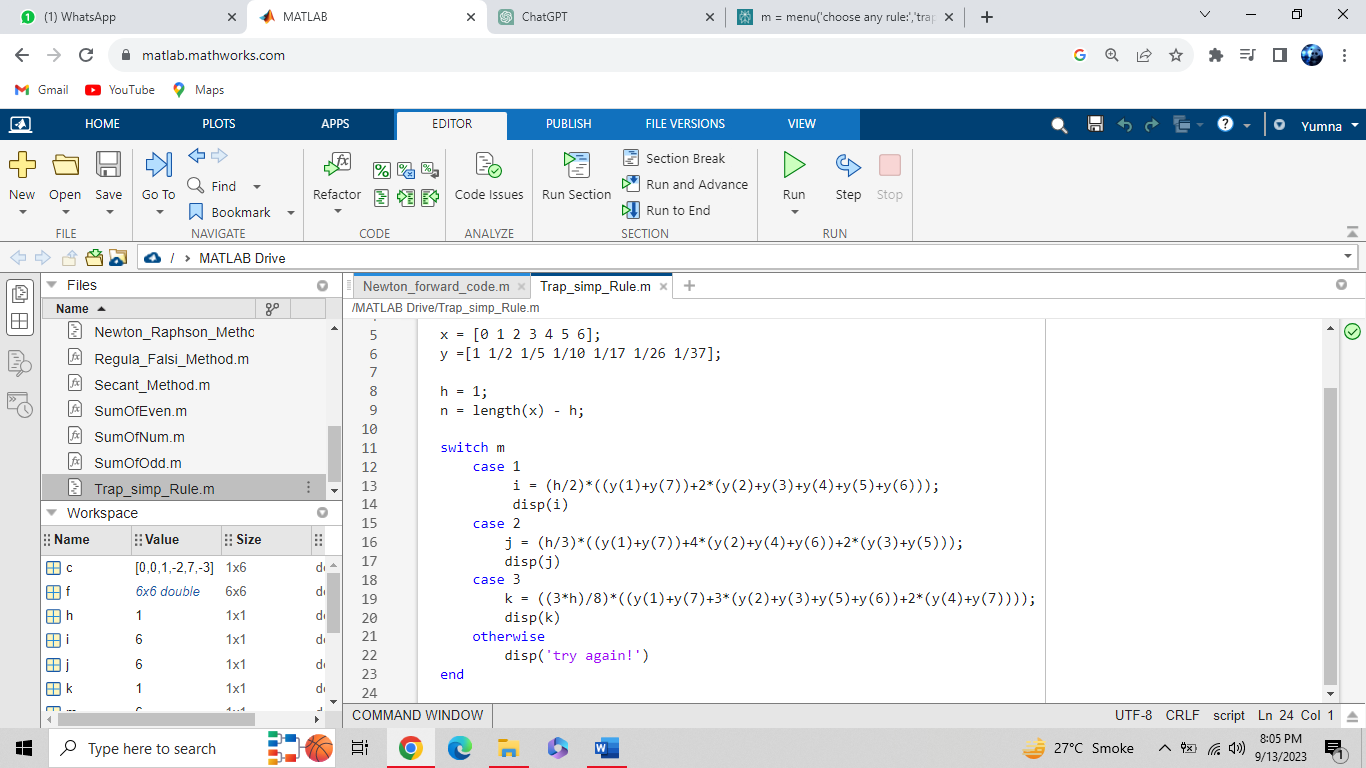
**Field : BSCS (4th Sem)**

**Course : Mathematics IV (Numerical Computing) (406)**

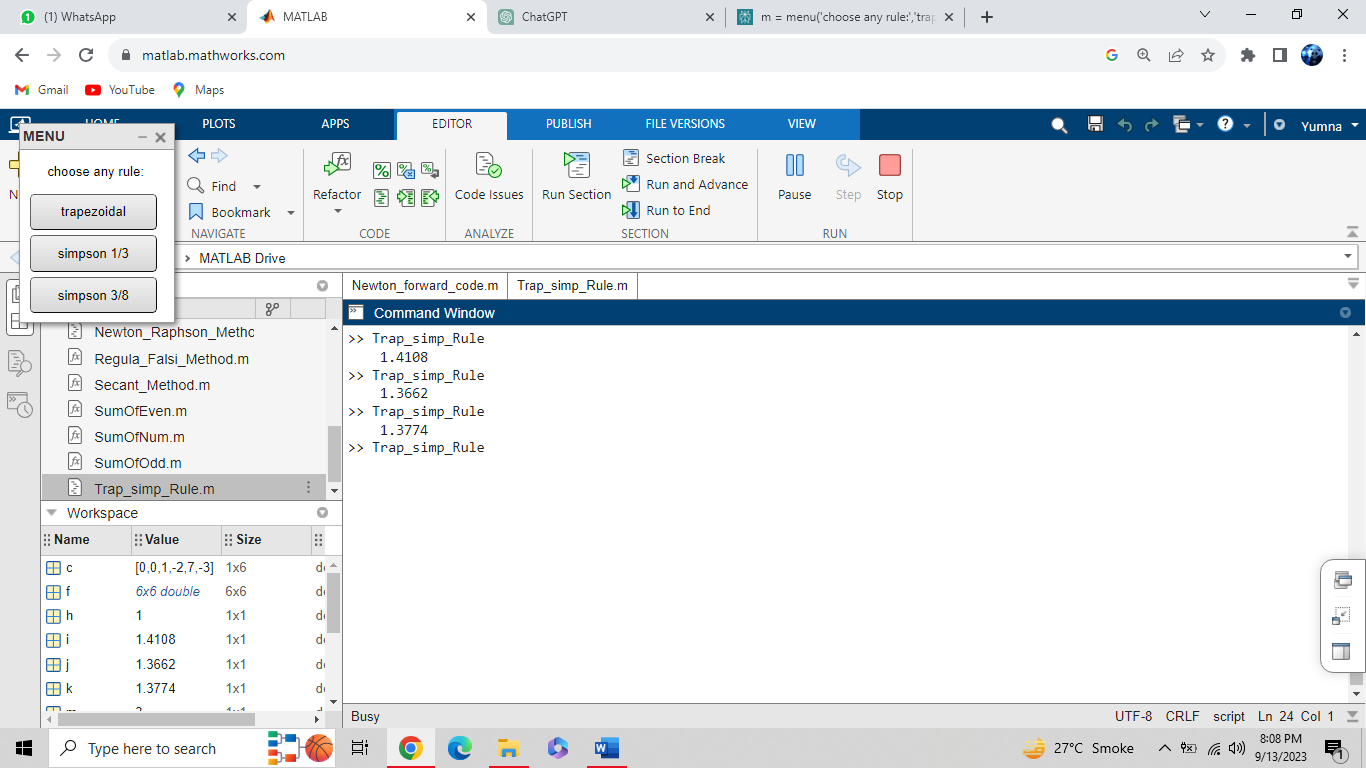
**Teacher : Ma’am DR Noor Fatima Siddiqui (NFS)**

**Trapezoidal , Simpson’s 1/3rd , Simpson’s 3/8 Rules:**

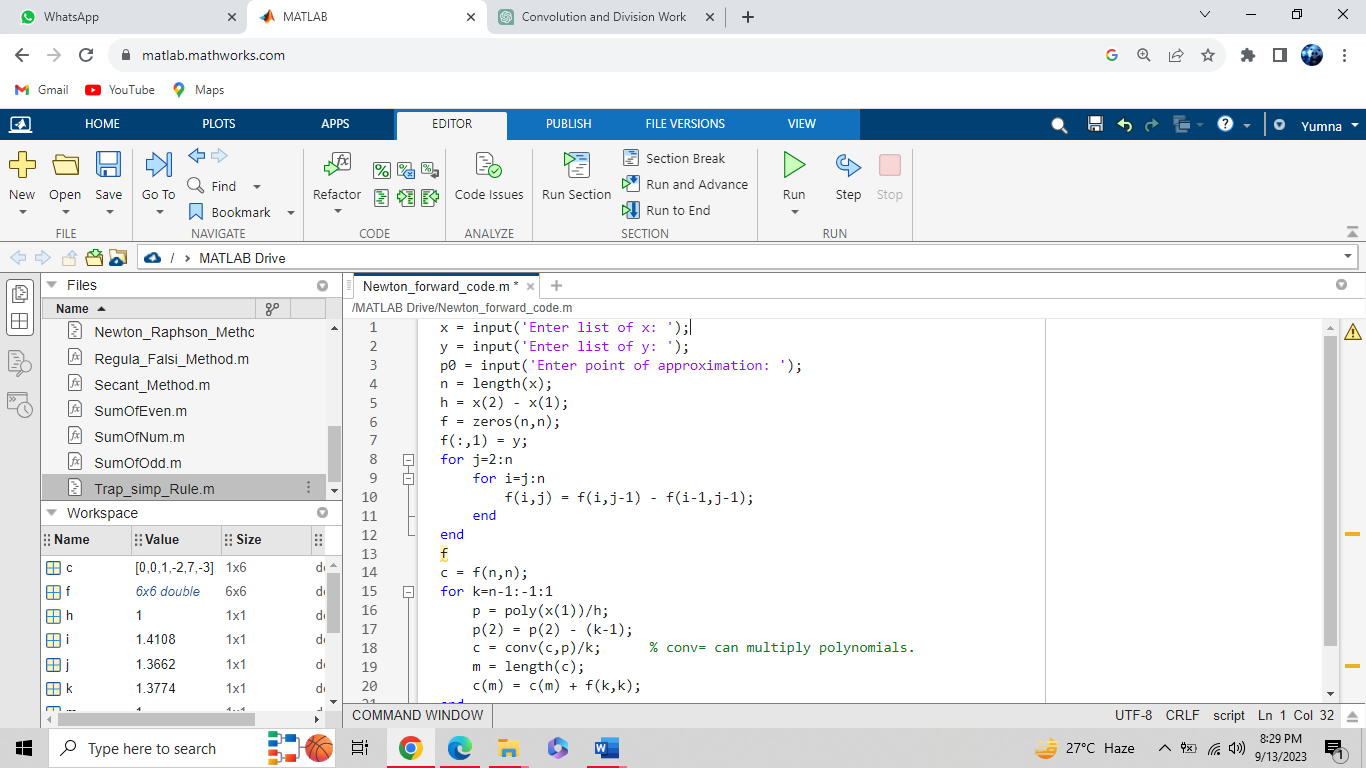
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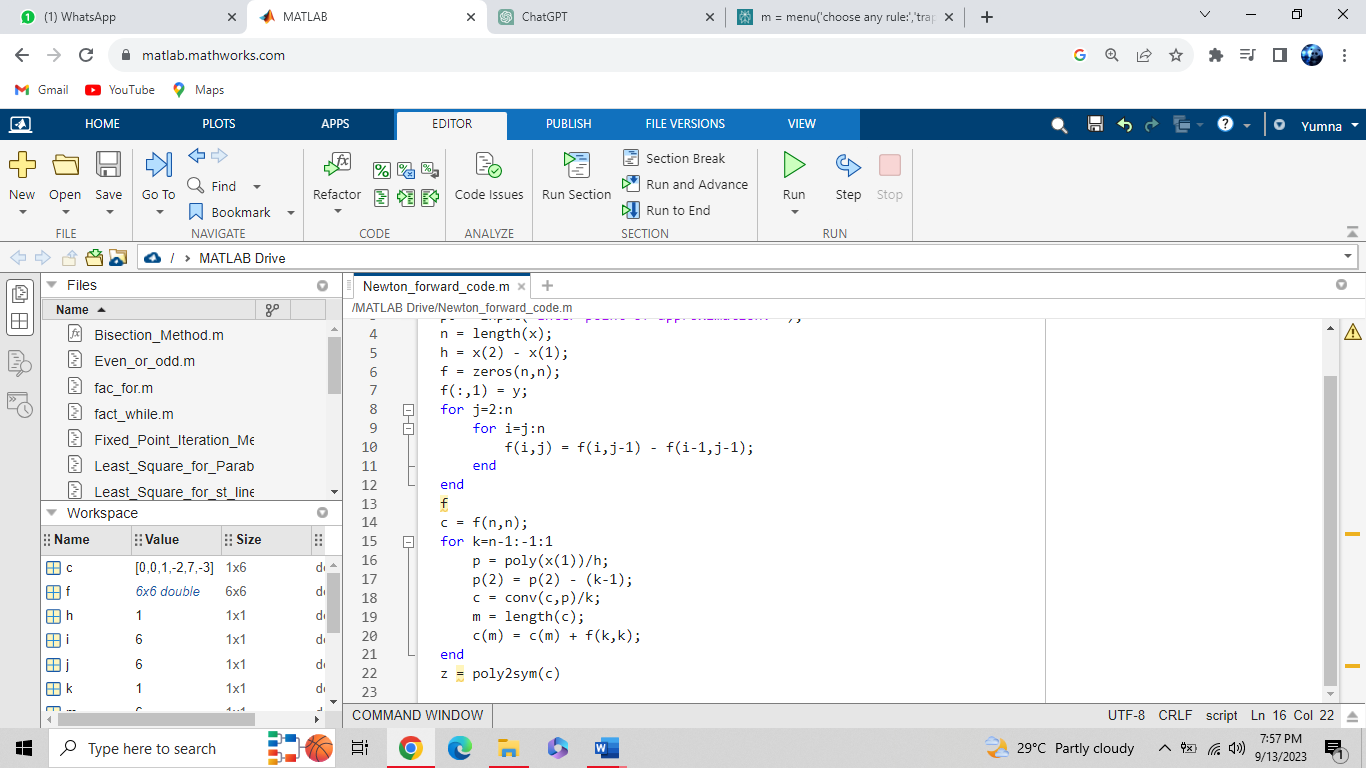
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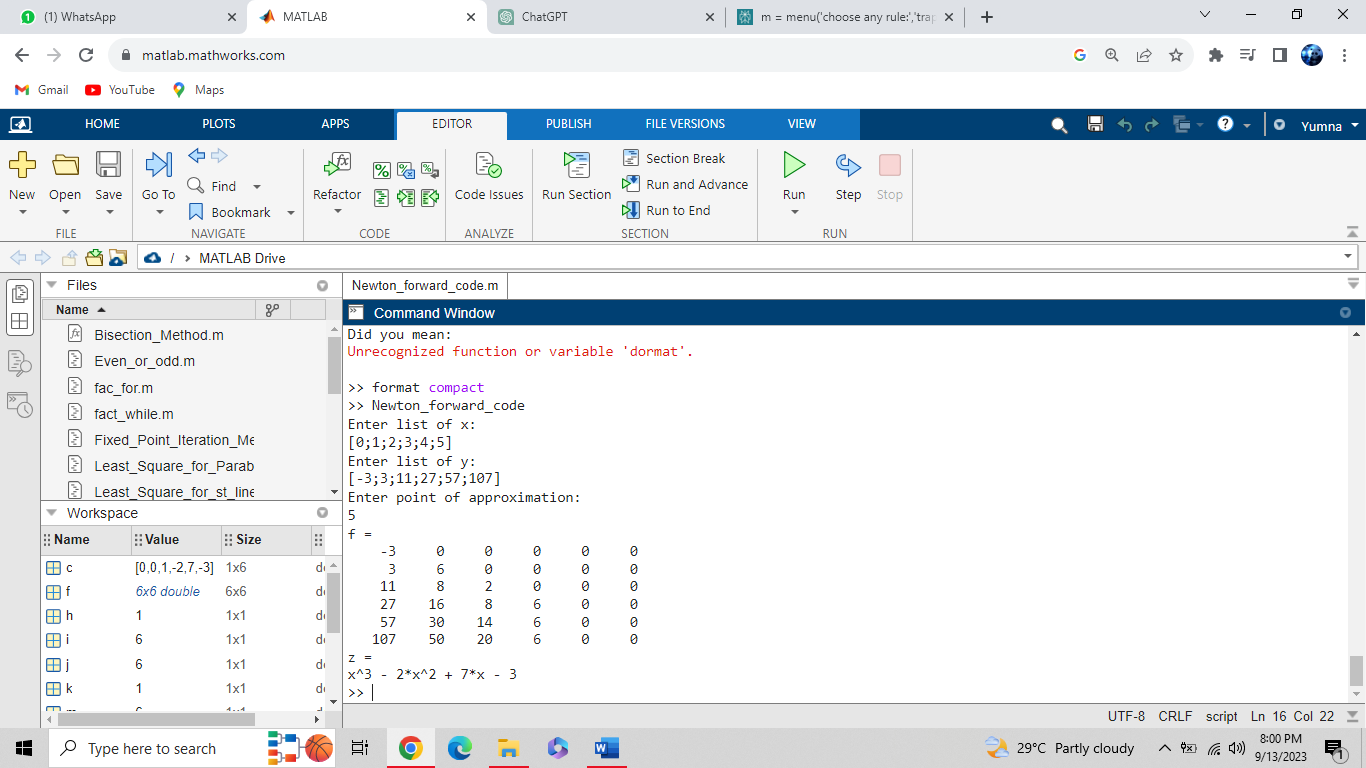
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**Newton Forward Difference Interpolation :**

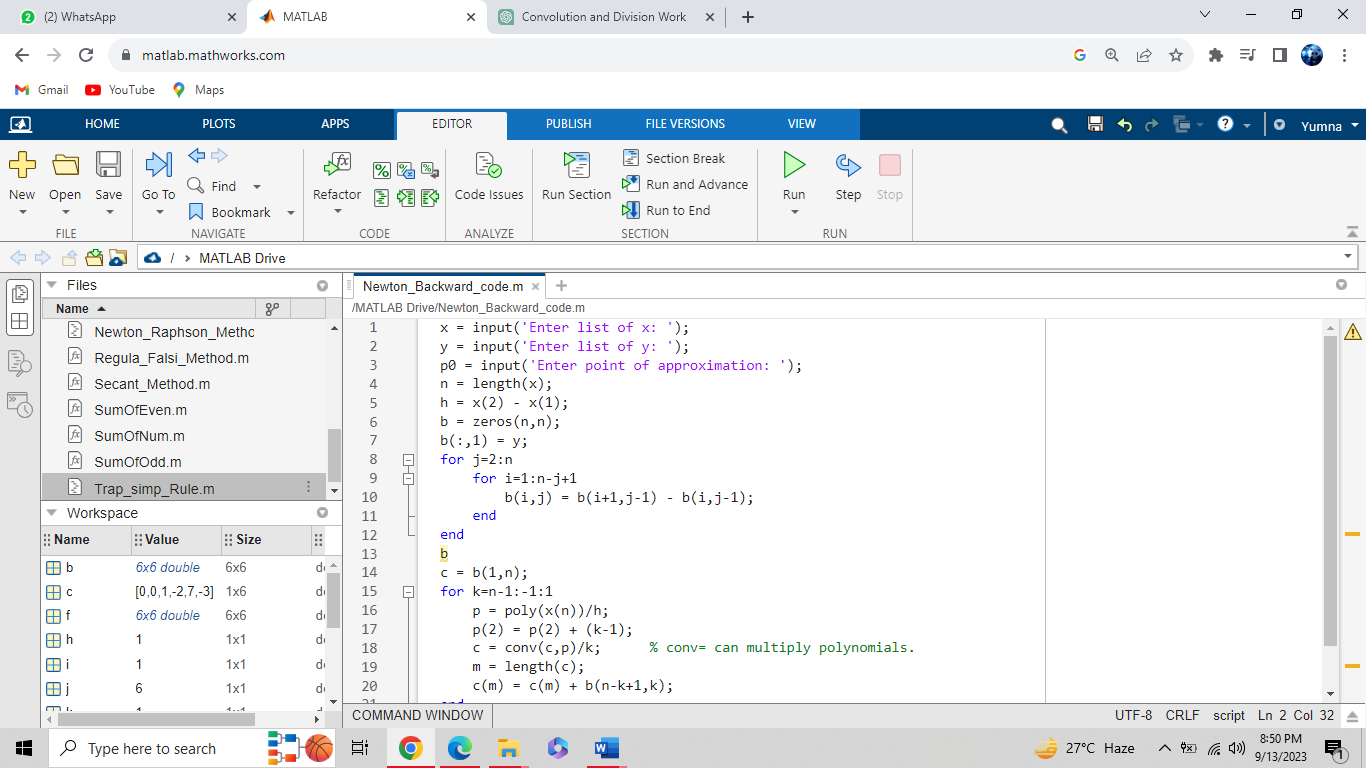
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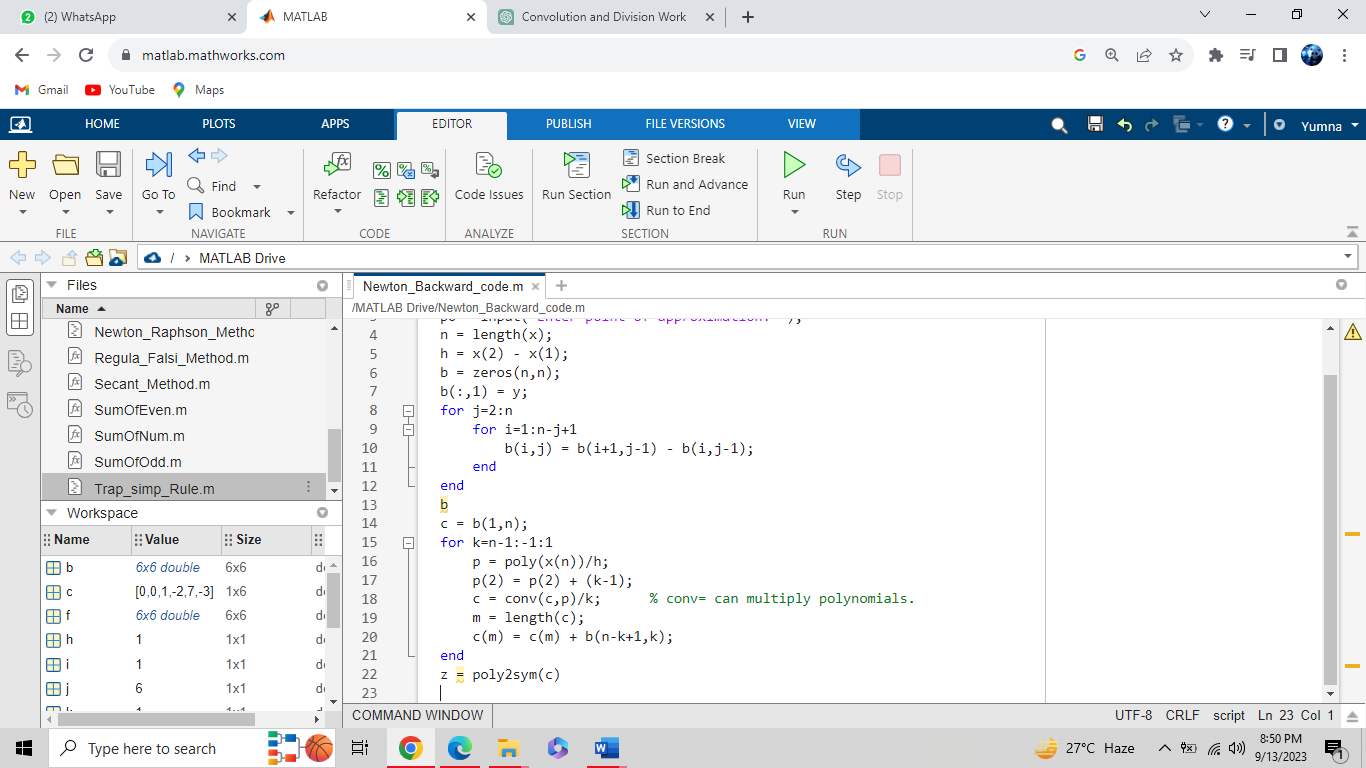
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**Output :**

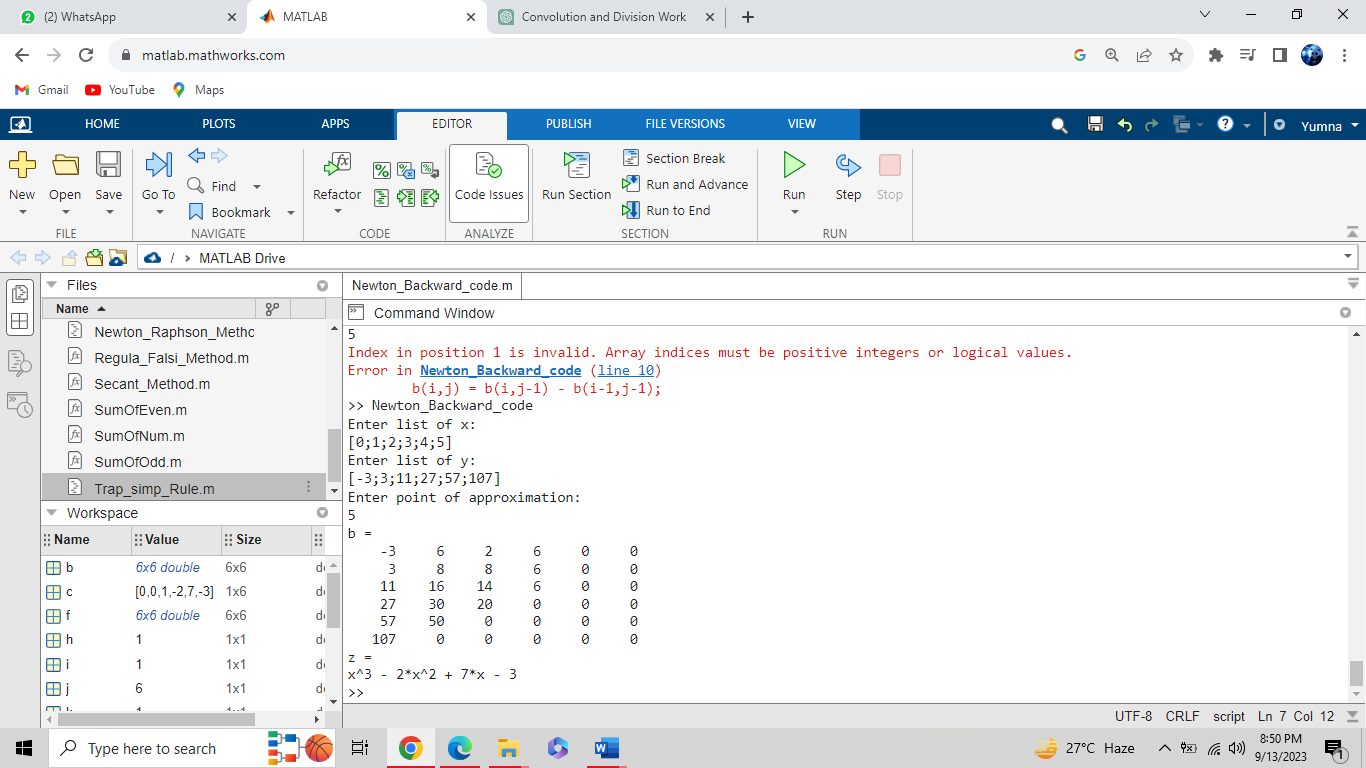
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**Newton Backward Difference Interpolation :**

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**Output :**

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