**Name : Yumna Mubeen**

**F.Name : Muhammad Nadeem**

**Section : A**

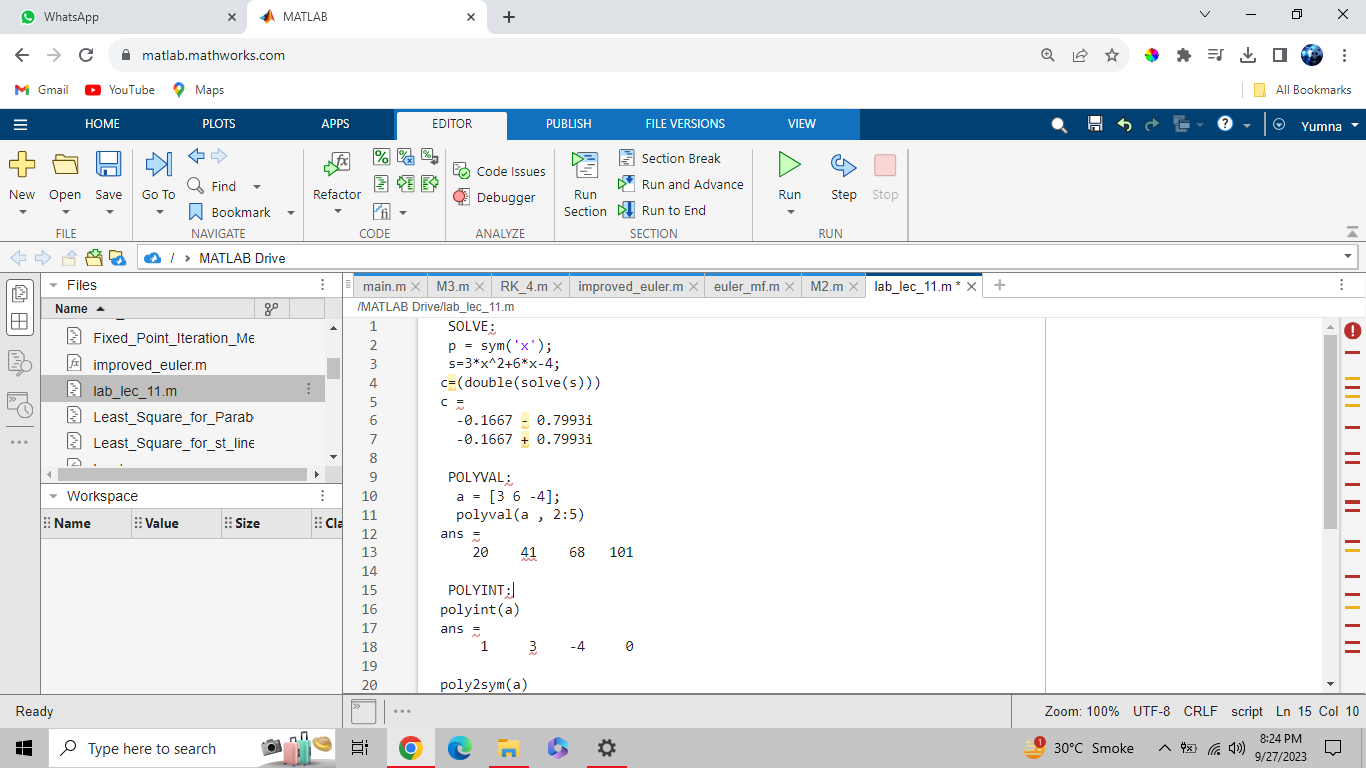
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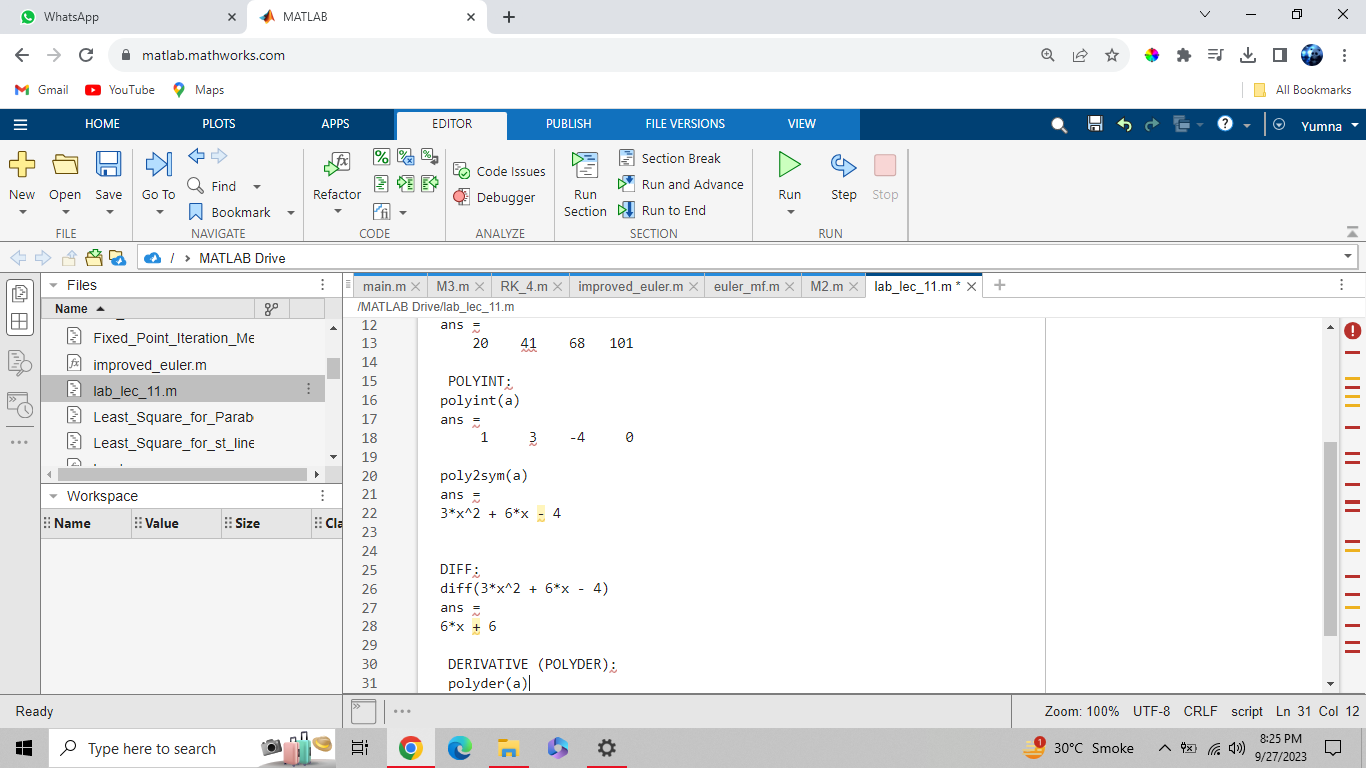
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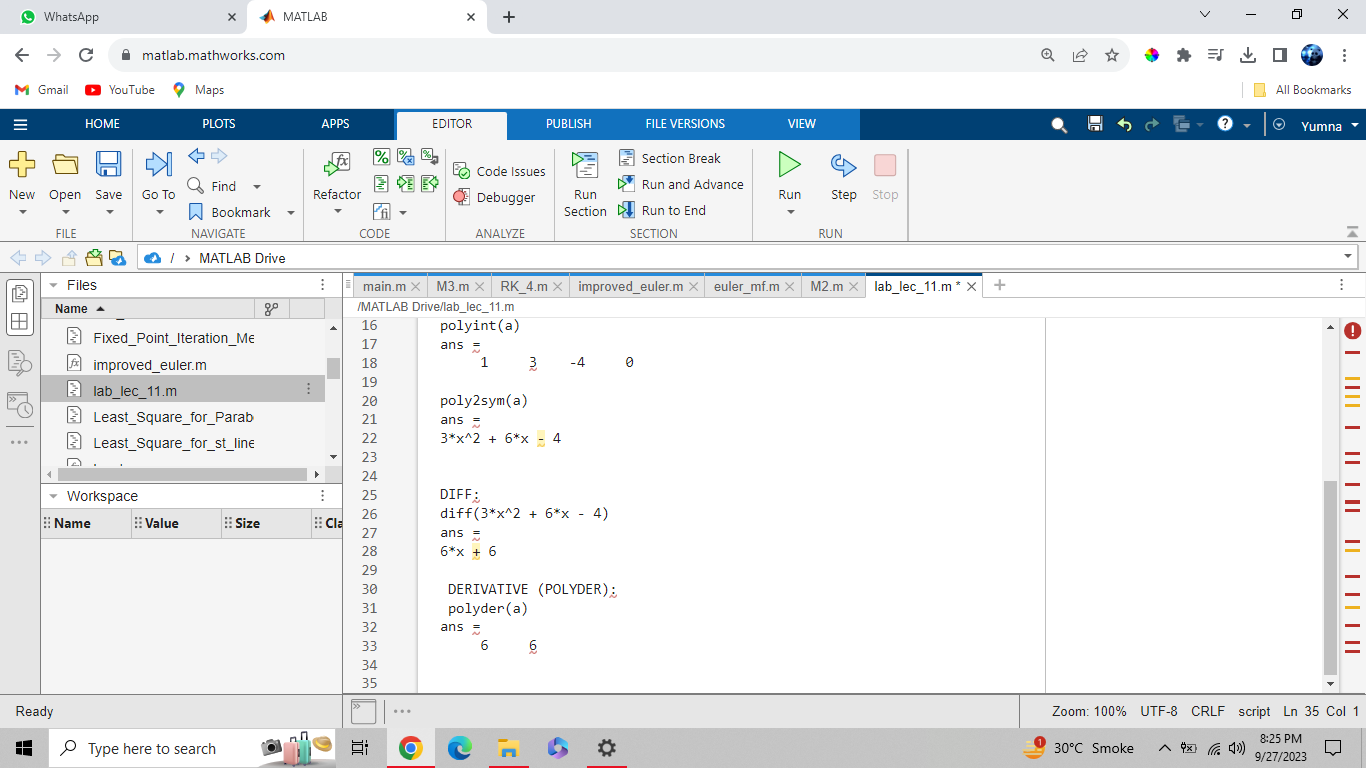
**Course : Mathematics IV (Numerical Computing) (406)**

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

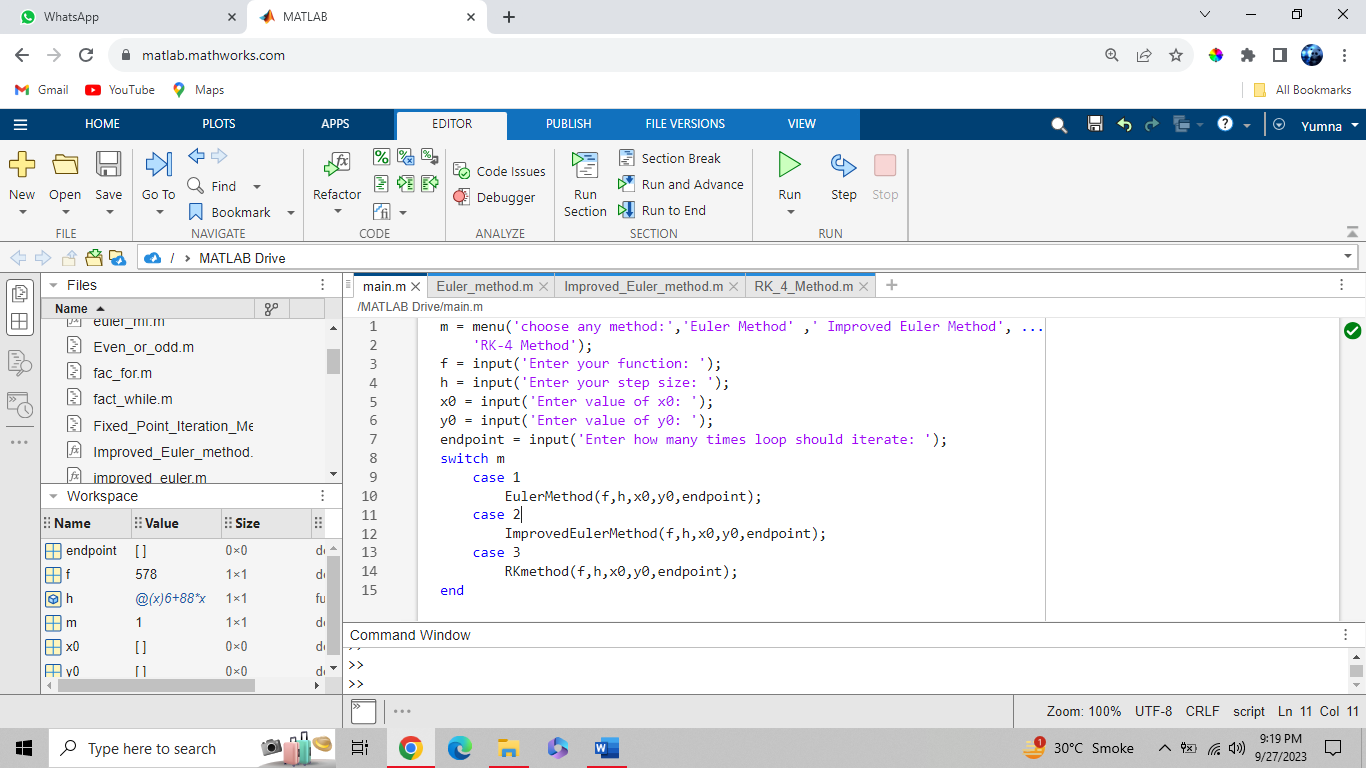
**Solve , Polyval , Polyint , Ployder:**

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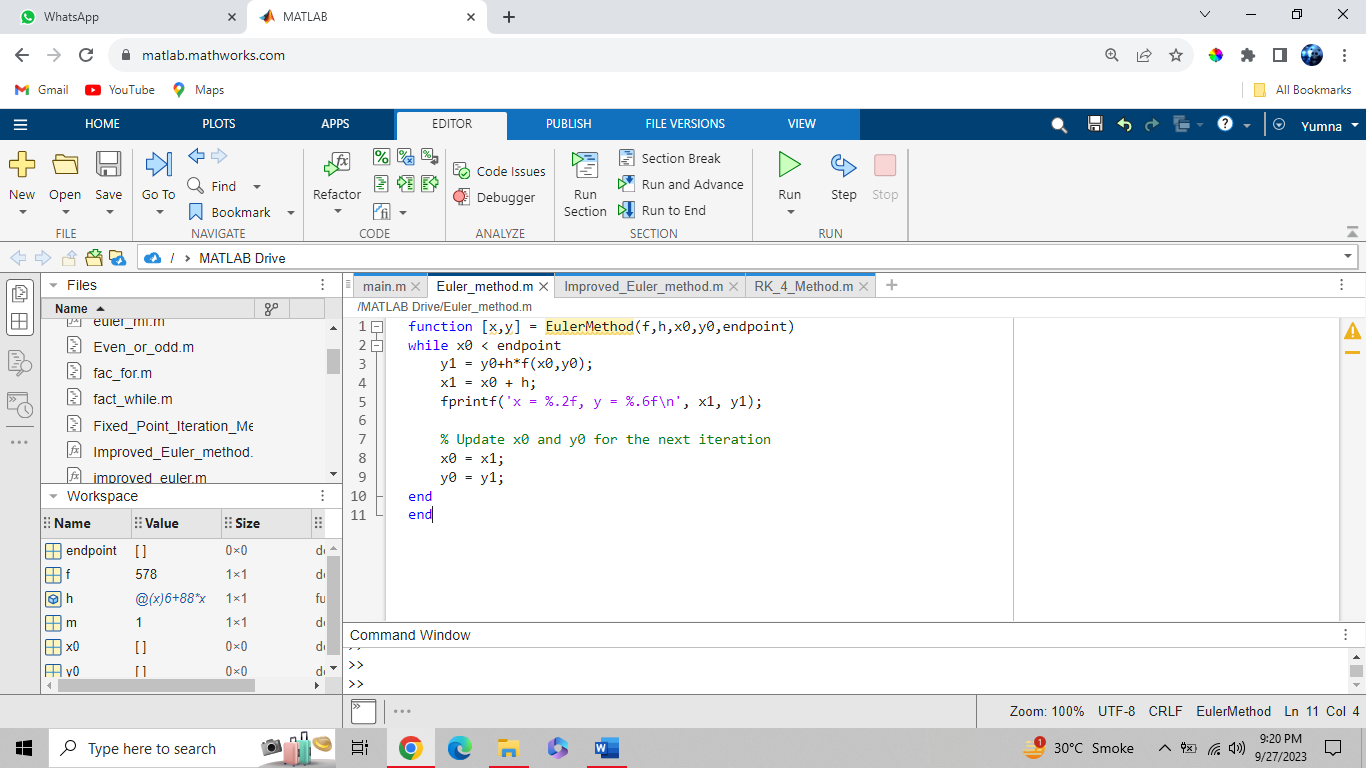
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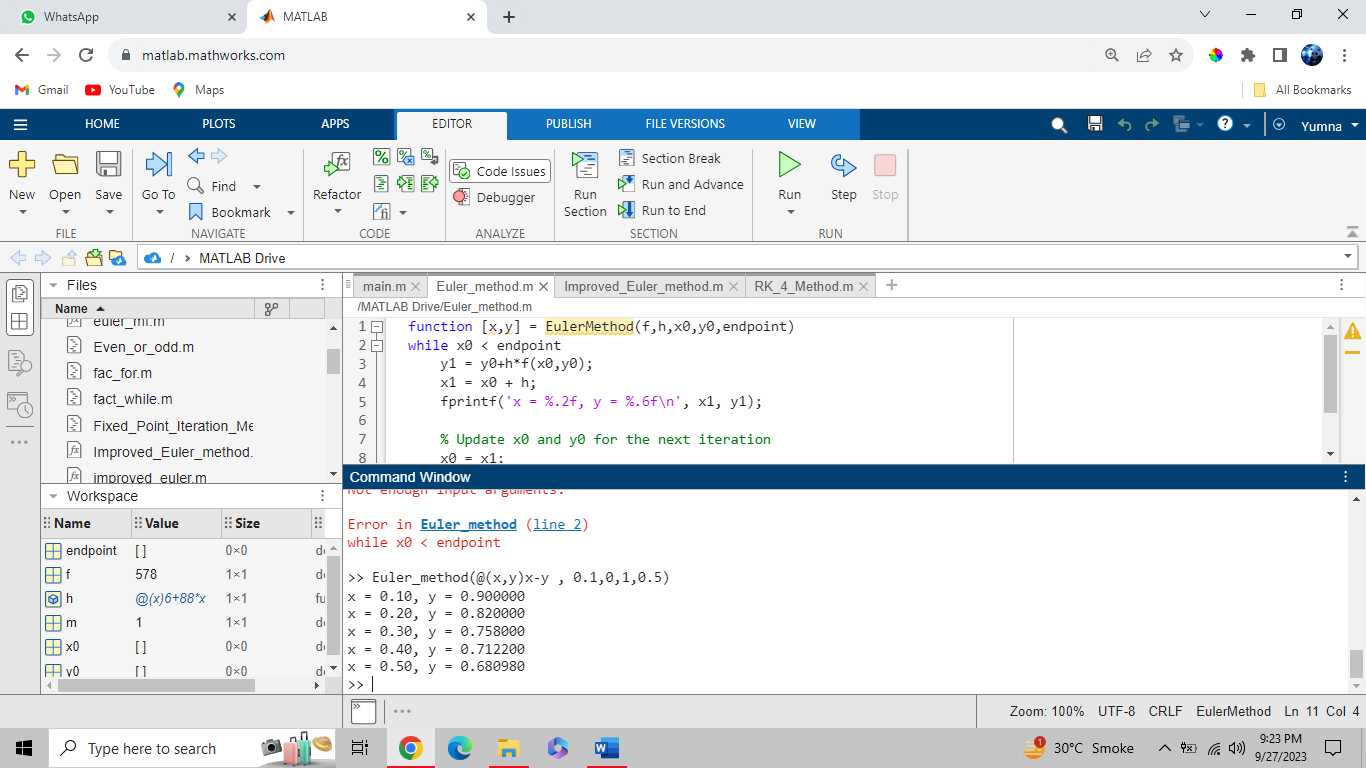
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**Methods Of Solving ODEs:**

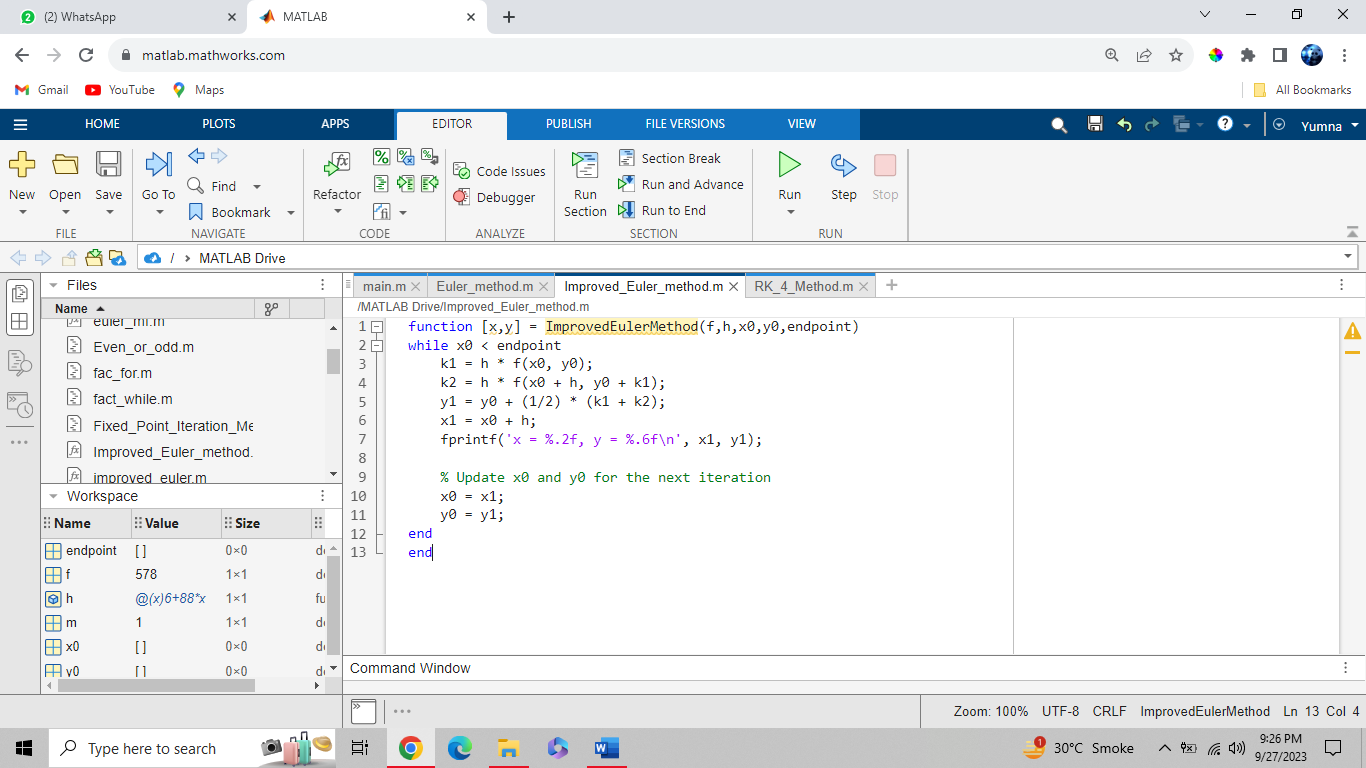


**Euler Method:**

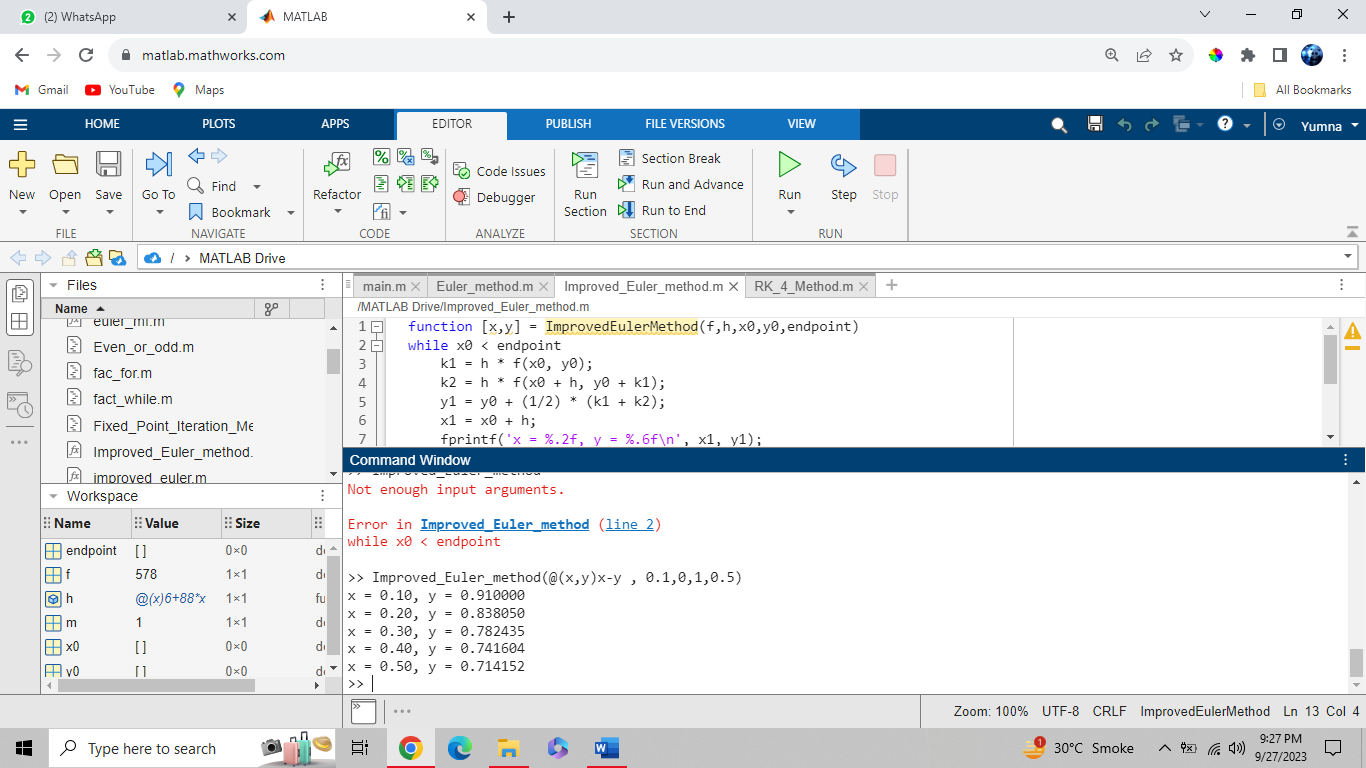


**Output :**

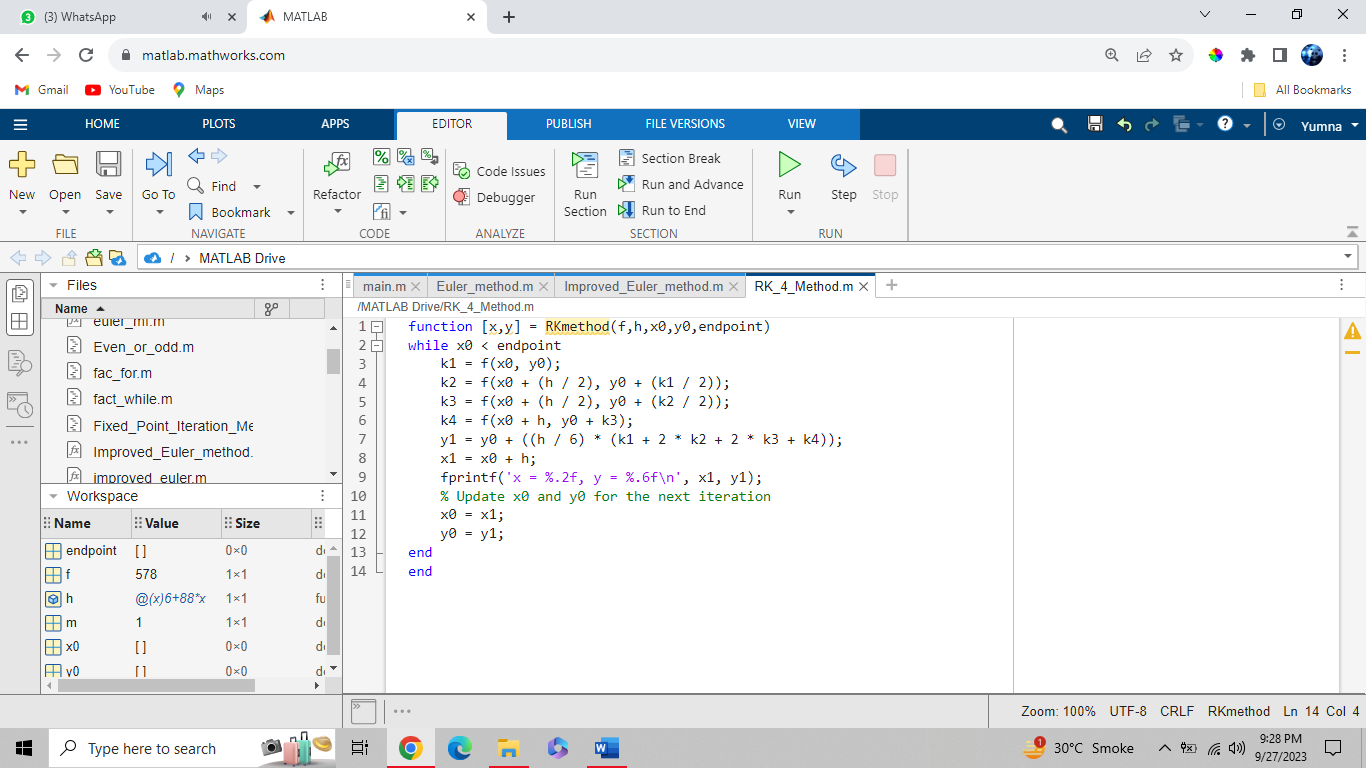
**Improved Euler Method:**



**Output :**



**RK-4 Method:**



**Output :**

