**Name : Yumna Mubeen**

**F.Name : Muhammad Nadeem**

**Section : A**

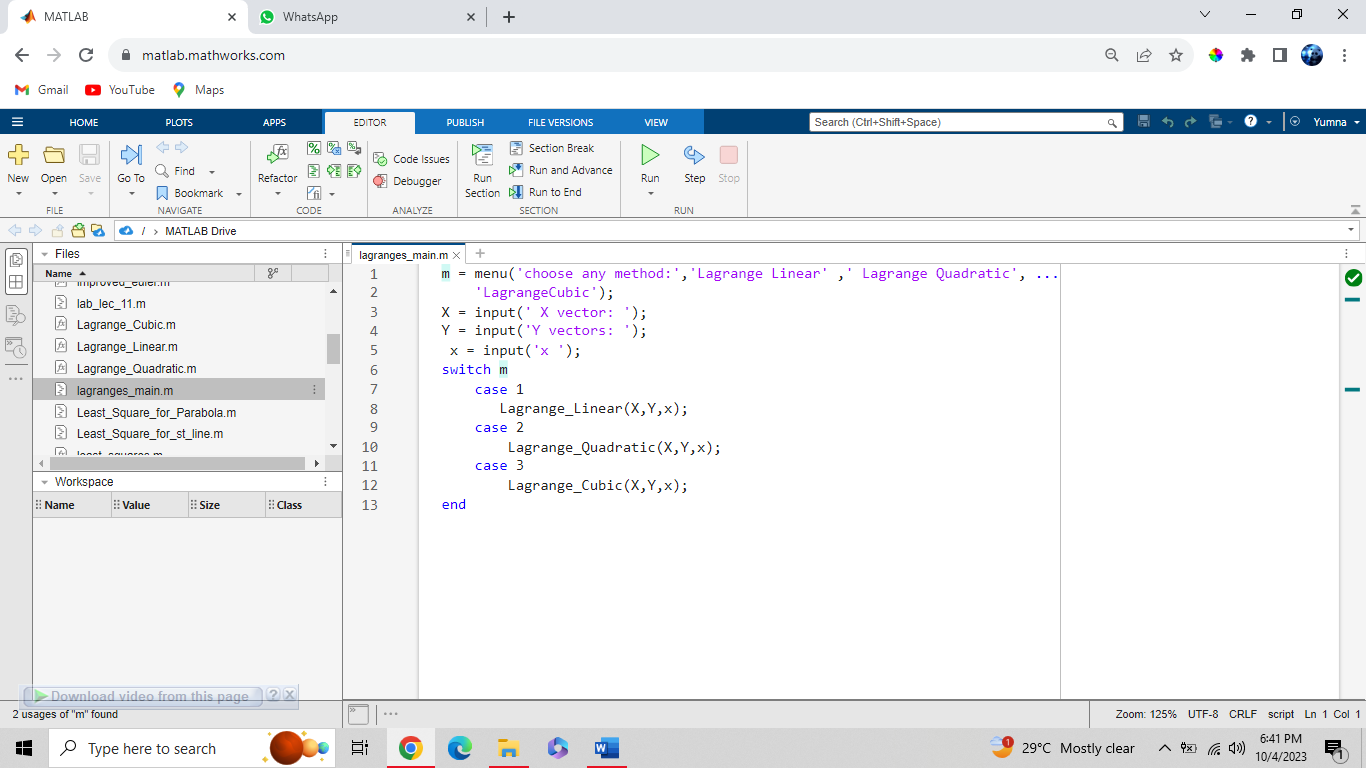
**Seat no. : B21110006165**

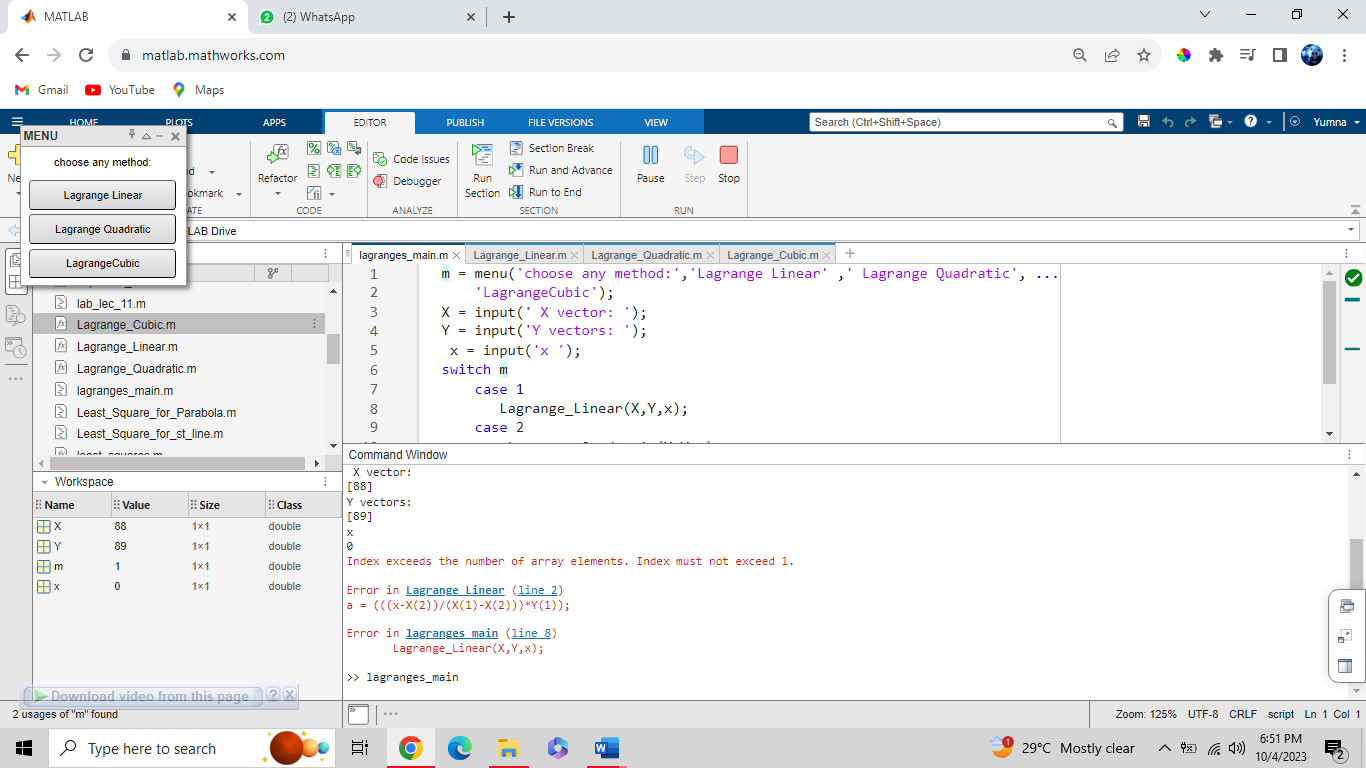
**Field : BSCS (4th Sem)**

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

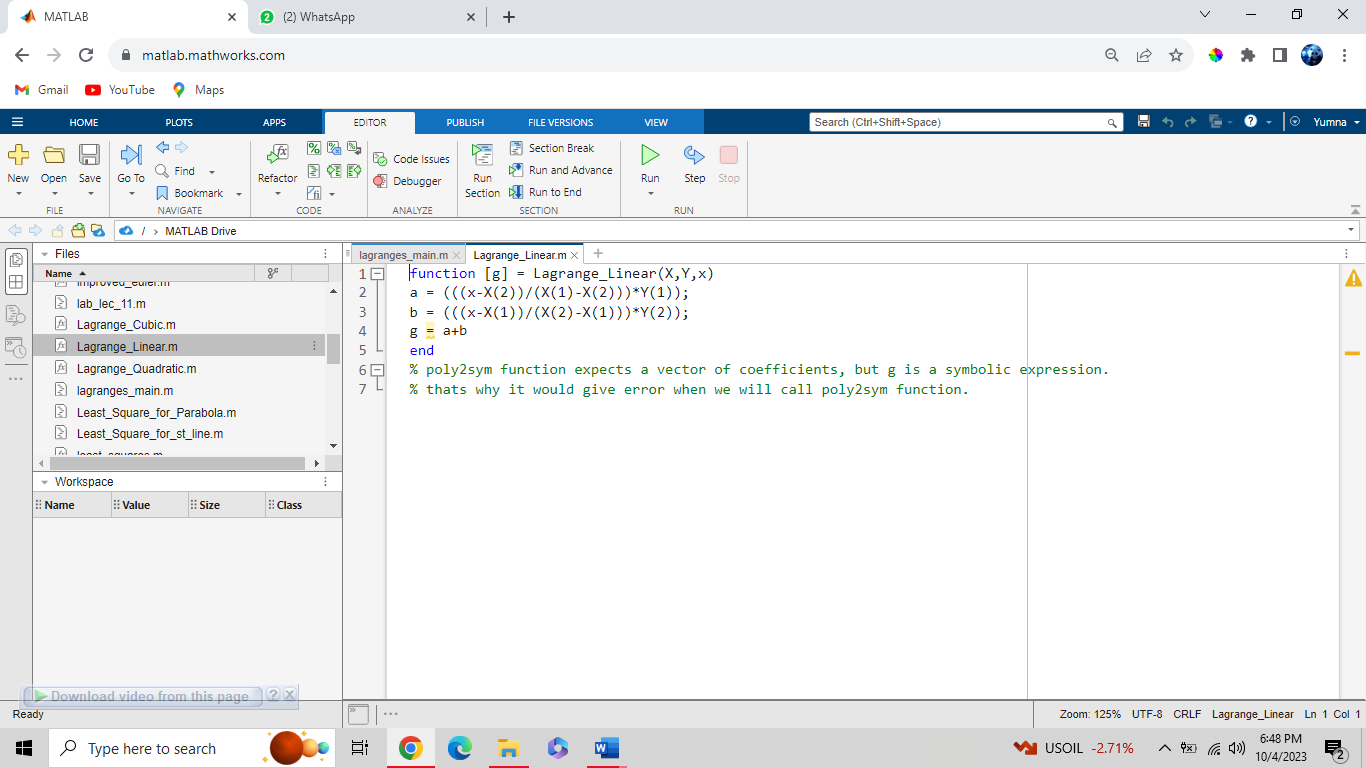
**Teacher : Ma’am DR Noor Fatima Siddiqui (NFS)**

**Lagrange’s Interpolation:**

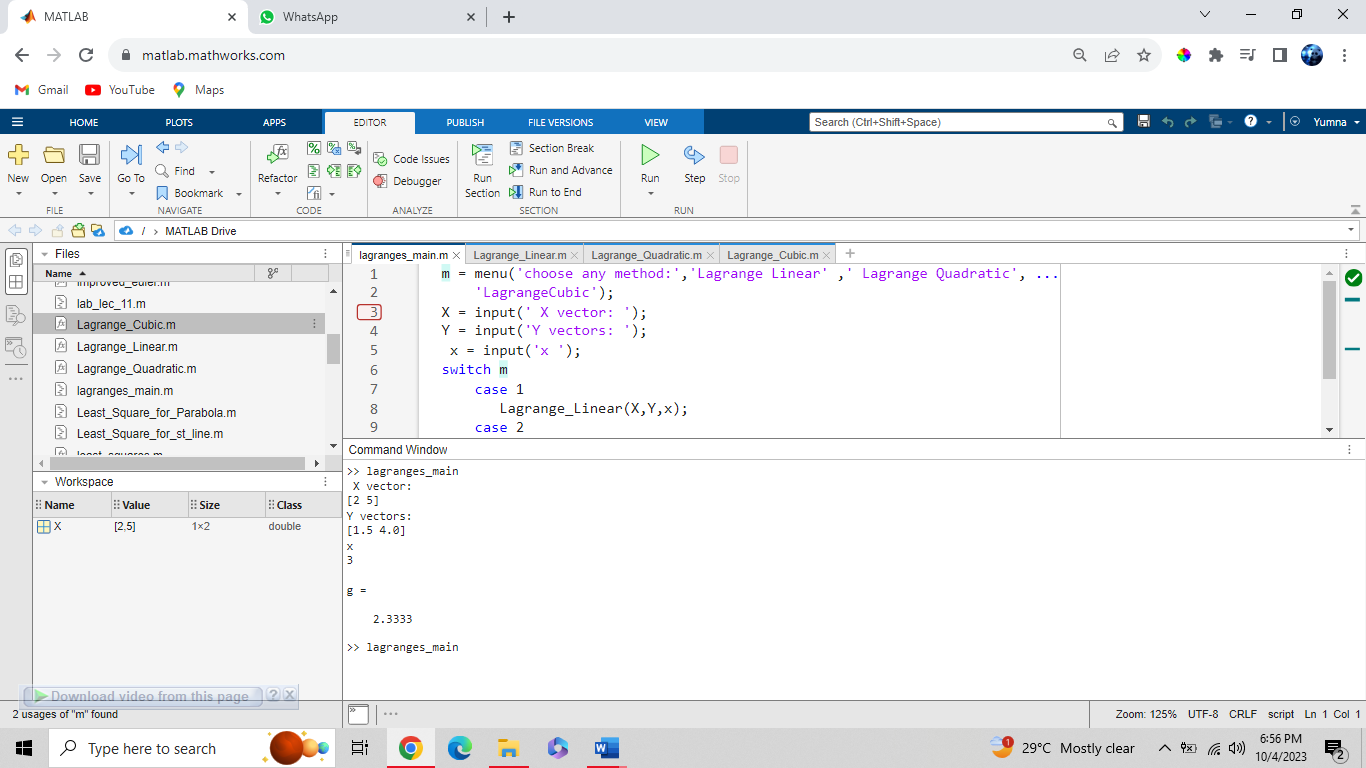




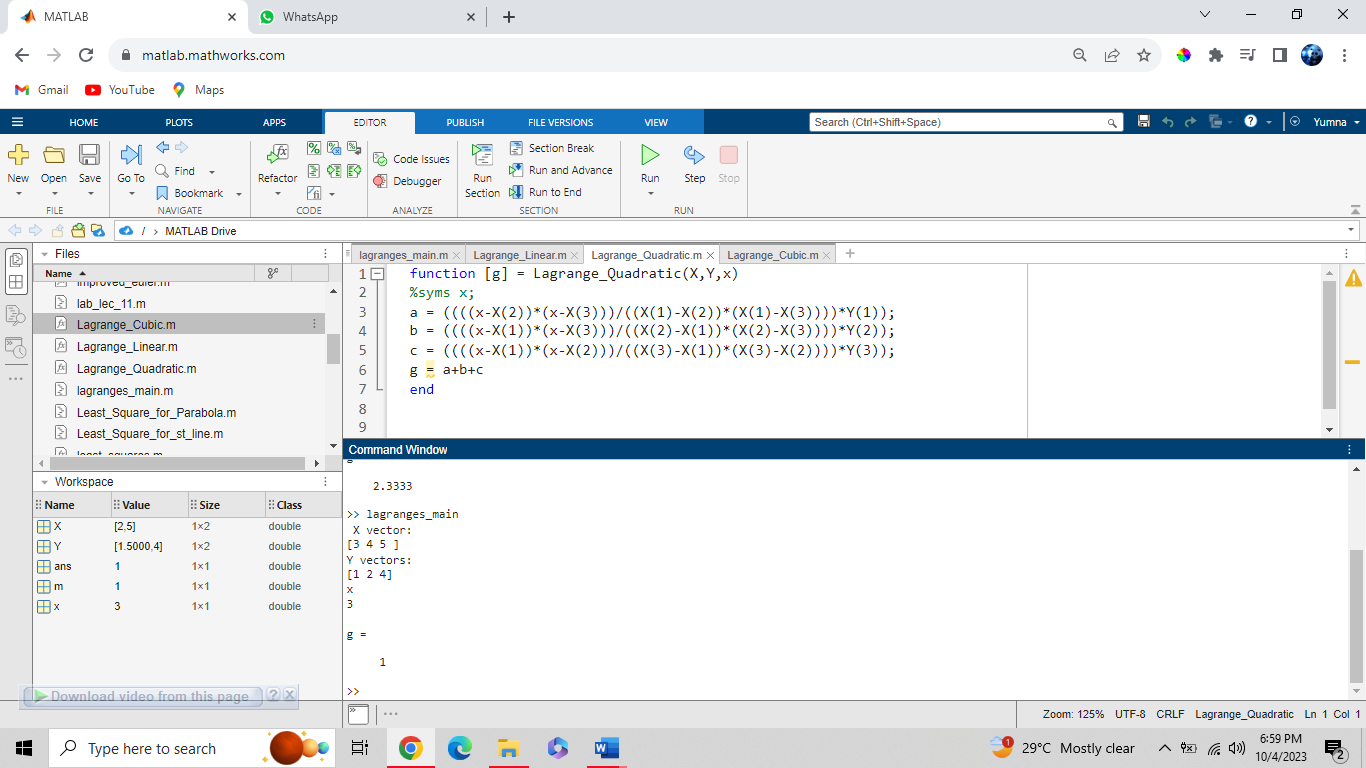
**Lagrange’s Linear Interpolation:**



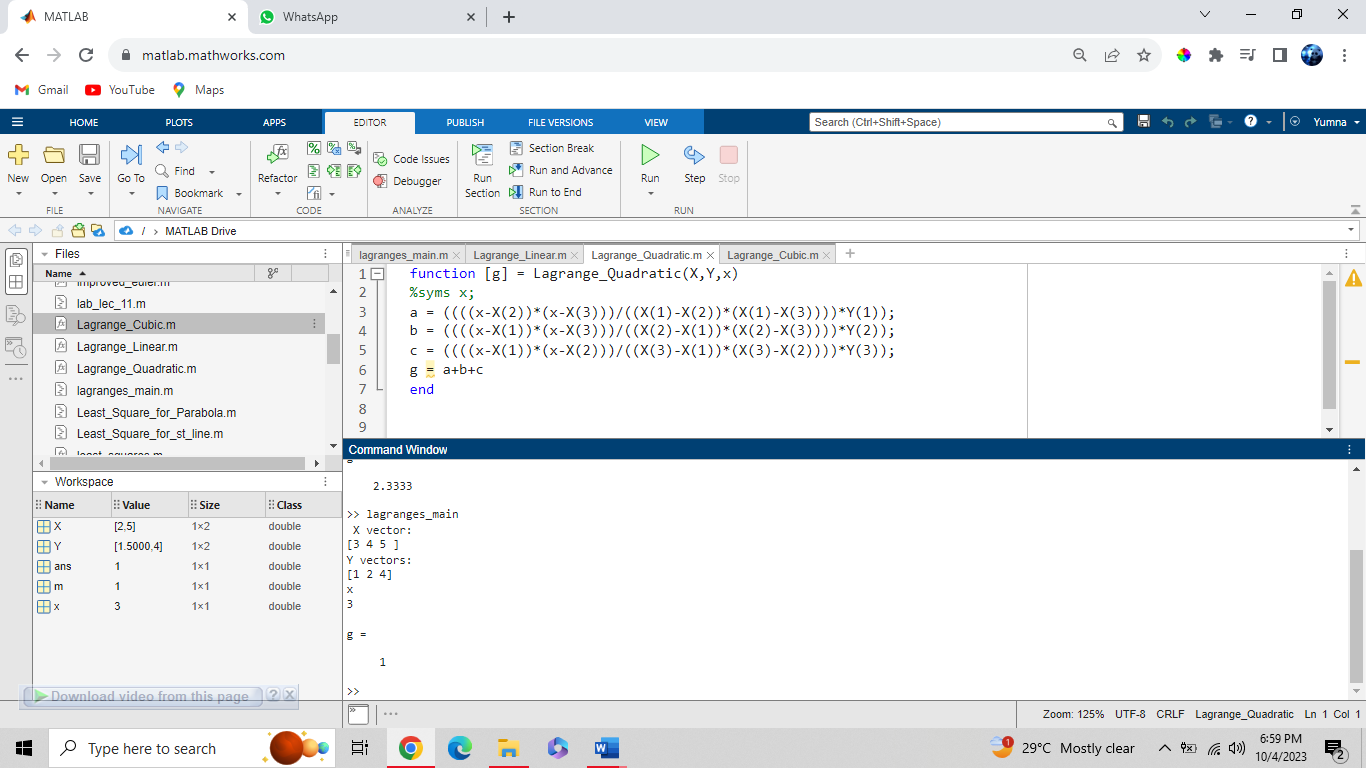
**Output :**



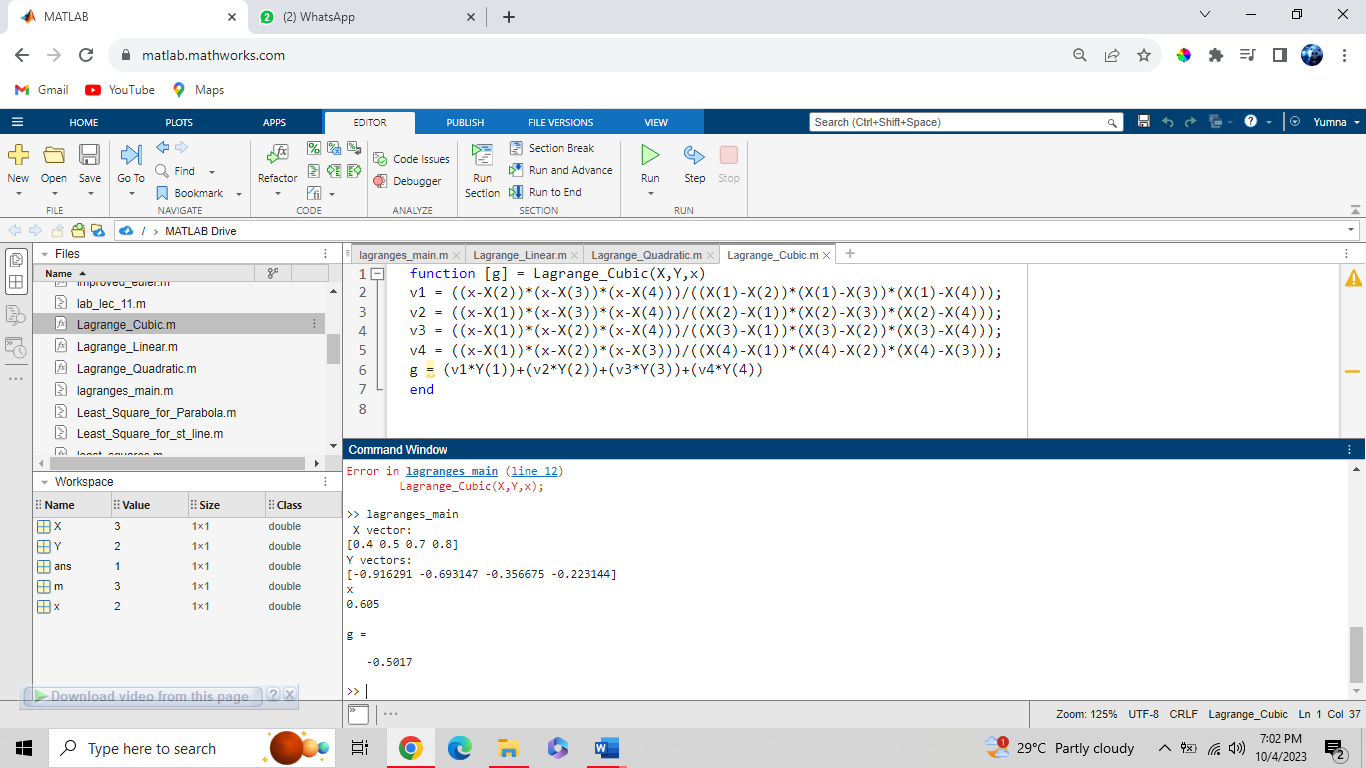
**Lagrange’s Quadratic Interpolation:**



**Output :**



**Lagrange’s Cubic Interpolation:**



**Output :**

