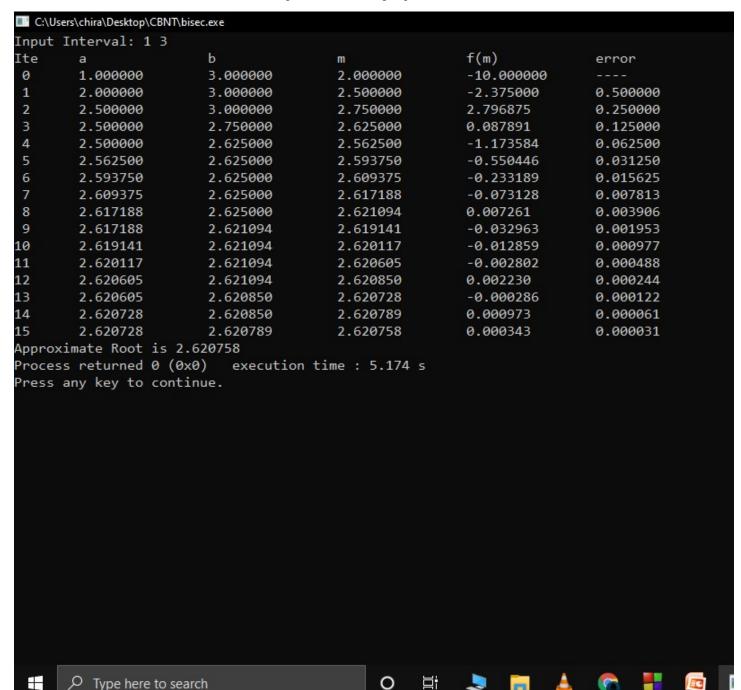
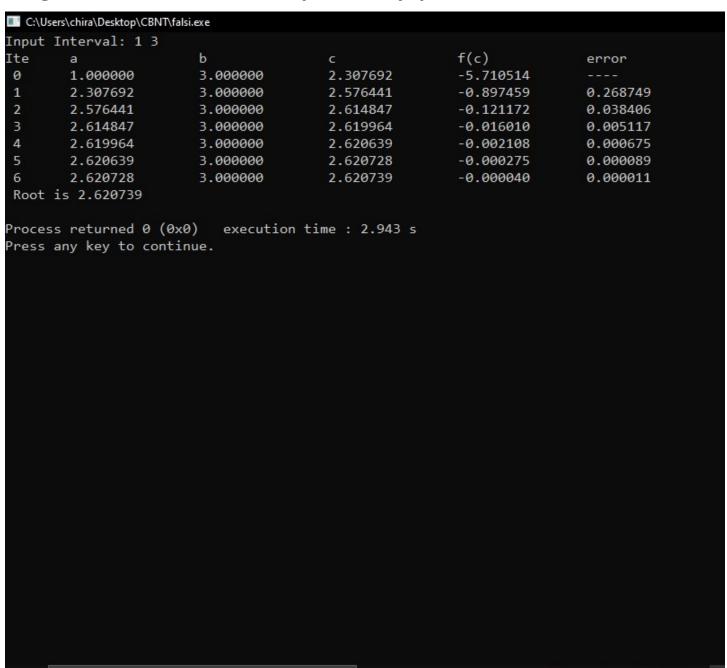
#### **Bisection Method – Chiranjeev Kashyap**



### Regula Falsi Method – Chiranjeev Kashyap

 $\blacksquare$ 

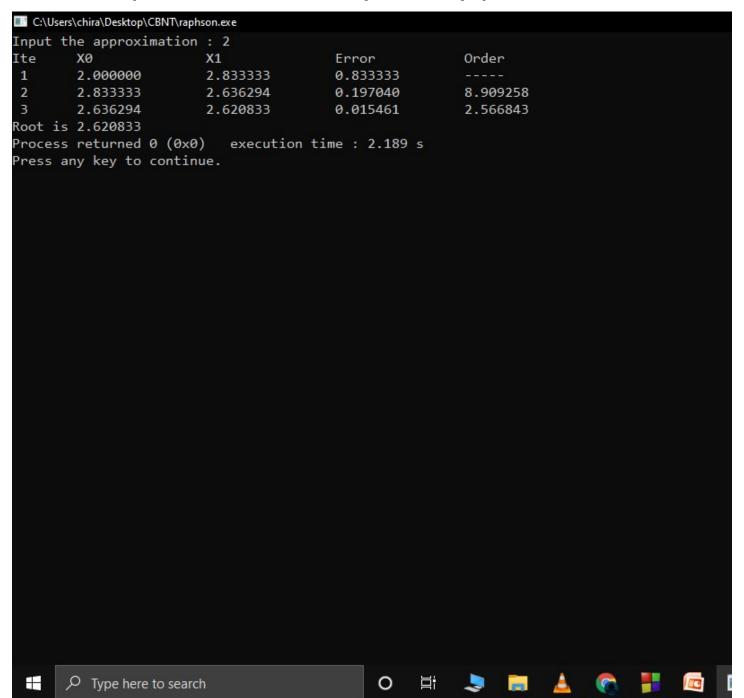
Type here to search



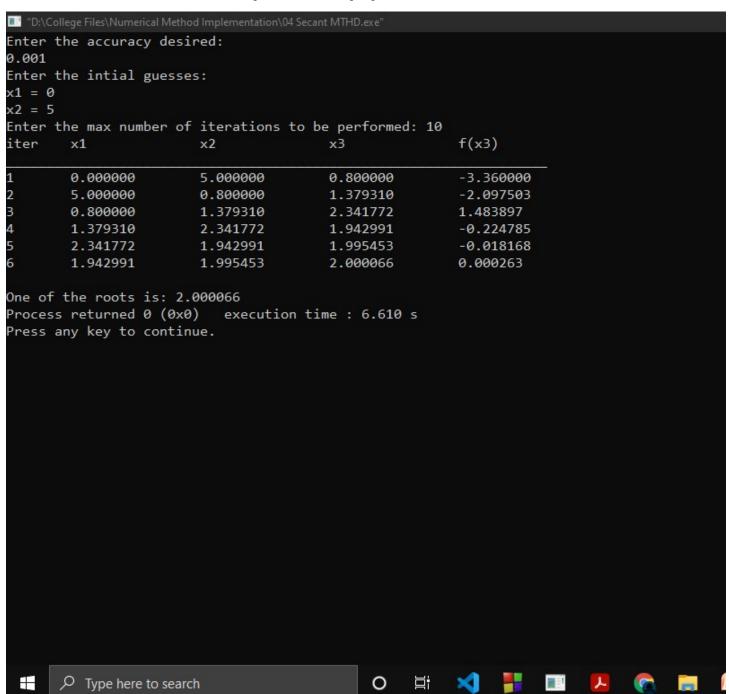
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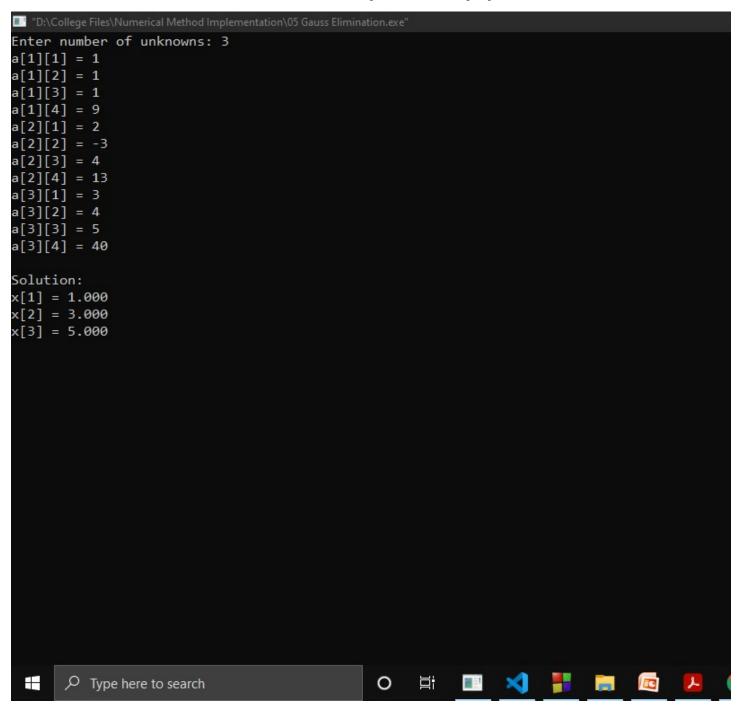
# Newton Raphson Method - Chiranjeev Kashyap



### Secant Method - Chiranjeev Kashyap



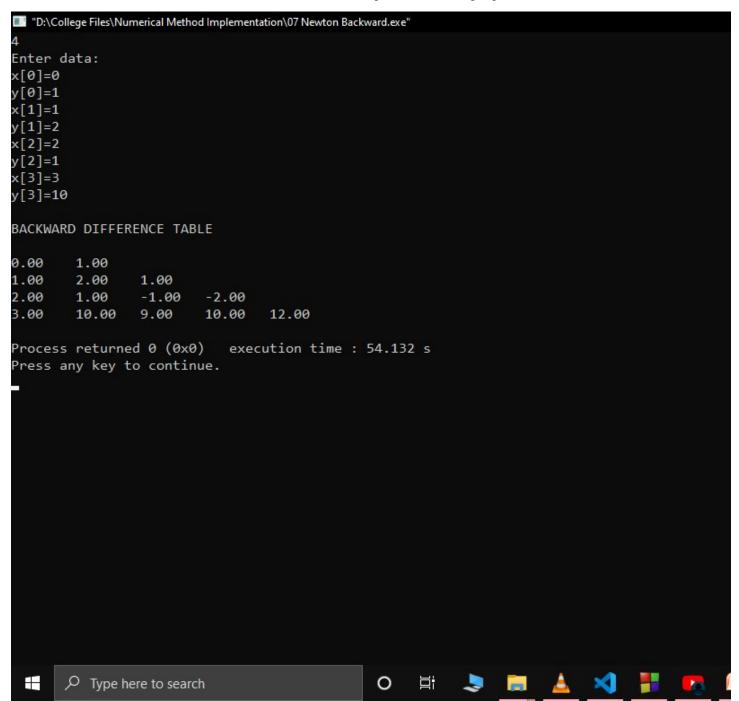
### **Gauss Elimination Method – Chiranjeev Kashyap**



### **Gauss Seidal Method – Chiranjeev Kashyap**

```
"D:\College Files\Numerical Method Implementation\06 Gauss Seidal.exe"
Enter tolerable error:
0.0001
Count
       0.8500 -1.0275 1.0109
       1.0025
               -0.9998 0.9998
       1.0000 -1.0000 1.0000
       1.0000 -1.0000 1.0000
Solution: x=1.000, y=-1.000 and z=1.000
Process returned 0 (0x0) execution time : 42.272 s
Press any key to continue.
                                                  計 🗦 🥫 刘 👭 🔯 🍖
      Type here to search
```

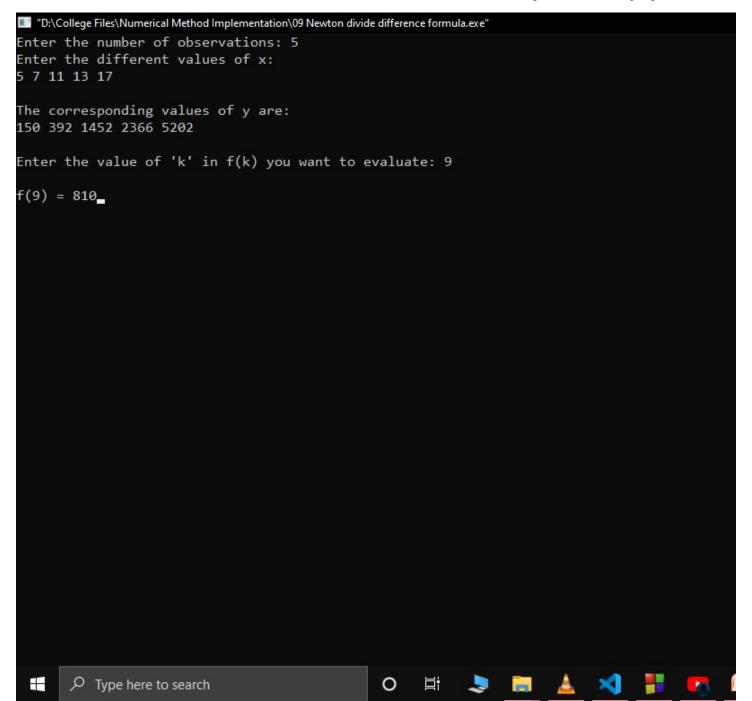
# **Newton Backward Method – Chiranjeev Kashyap**



### **Newton Forward Method – Chiranjeev Kashyap**

```
"D:\College Files\Numerical Method Implementation\01 08 Newton Forward.exe"
Enter number of data: 5
Enter data:
x[0]=40
y[0]=31
x[1]=50
y[1]=73
x[2]=60
y[2]=124
x[3]=70
y[3]=159
x[4]=80
y[4]=190
FORWARD DIFFERENCE TABLE
40.00
        31.00
                42.00
                         9.00
                                 -25.00 37.00
50.00
        73.00
                51.00
                         -16.00 12.00
60.00
        124.00 35.00
                         -4.00
70.00
        159.00
                31.00
80.00
        190.00
                            execution time : 48.537 s
Process returned 0 (0x0)
Press any key to continue.
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                                                          💄 🗶
 0
      Type here to search
```

# Newton divide difference formula Method – Chiranjeev Kashyap



### **LaGrange's Interpolation Method – Chiranjeev Kashyap**

