

Select "C:\Users\asus1\Desktop\Sem 4\Semester4\Numerical Methods\newtondd1.exe"

Roll 161210040

Value of $f(8)=448$

Value of $f(15)=3150$

Process returned 0 (0x0) execution time : 0.065 s

Press any key to continue.

Newton's Divided Difference Output

Roll No. 161210025

x	f(x)								
1	1								
2	8	7							
3	27	19	12						
4	64	37	18	6					
5	125	61	24	6	0				
6	216	91	30	6	0	0			
7	343	127	36	6	0	0	0		
8	512	169	42	6	0	0	0	0	0

F(7.5) is 421.875

Process returned 0 (0x0) execution time : 0.387 s

Press any key to continue.

Roll No. 161210025

x: 4 5 7 10 11 13

y: 48 100 294 900 1210 2028

Value of $f(8) = 448$

Value of $f(15) = 3150$

Process returned 0 (0x0) execution time : 0.369 s

Press any key to continue.