

1:- 2nd order Backward Difference

Value of Temperature:-

5.0122

4.9939

4.9466

4.8718

4.7713

4.6469

4.5010

4.3360

4.1548

3.9606

3.7571

3.5482

3.3386

3.1336

2.9388

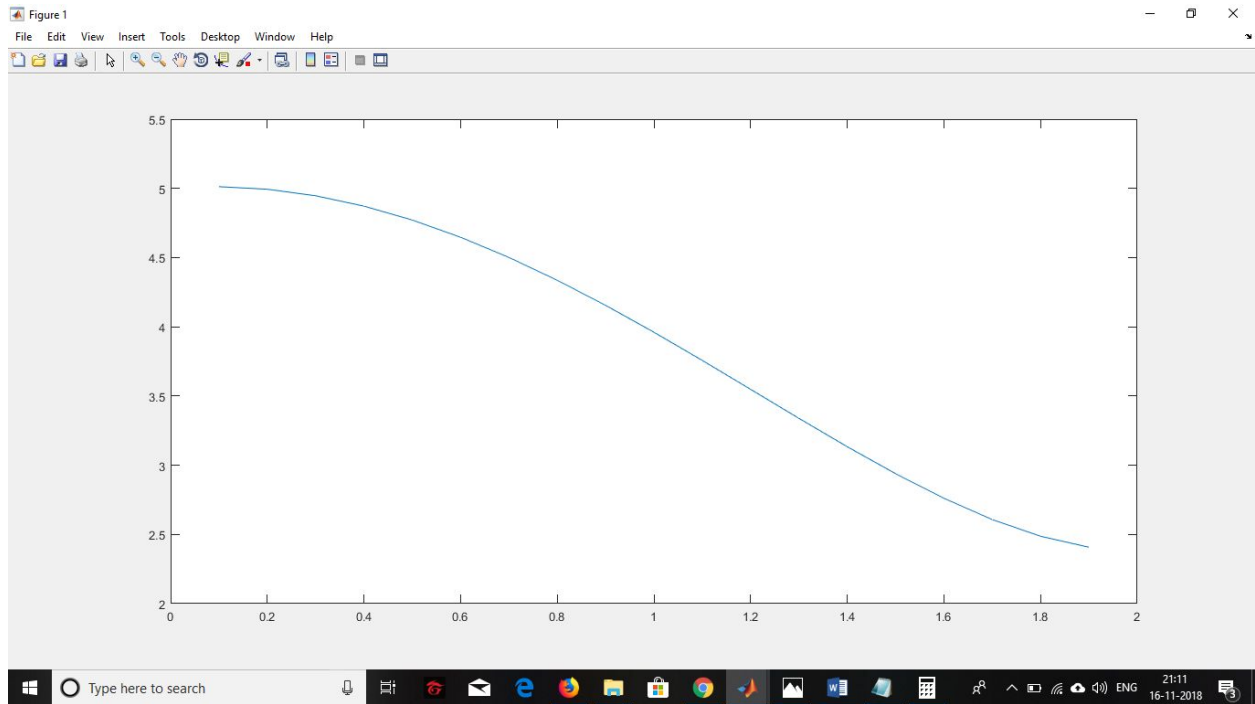
2.7610

2.6075

2.4866

2.4077

Graph:-



2:- 2nd order Central Difference with Ghost Node

Value of temperature:-

5.0119

4.9934

4.9457

4.8704

4.7693

4.6442

4.4974

4.3315

4.1491

3.9536

3.7484

3.5377

3.3260

3.1185

2.9209

2.7398

2.5825

2.4574

2.3737

2.3419

