

```
C:\Users\Debasis\Documents\GitHub\FortranSem1\lab>gfortran secant.f90
```

```
C:\Users\Debasis\Documents\GitHub\FortranSem1\lab>a.exe
```

```
Enter init bounds:
```

```
0 1
```

```
Enter max error:
```

```
0.0001
```

```
Enter max number of iterations:
```

```
100
```

```
The root is(X1): 0.739119351
```

```
Value at root(F(X1)): -5.72800636E-05
```

```
Number of iterations: 3
```

```
C:\Users\Debasis\Documents\GitHub\FortranSem1\lab>_
```