

```
C:\Users\Debasis\Documents\GitHub\FortranSem1\assignments_lab>gfortran quadroot.f90
```

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

$Ax^2+Bx+C$

Enter coefficients A, B, C

1 4 5

Roots are imaginary:

( -2.00000000 , 1.00000000 )

( -2.00000000 , -1.00000000 )

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

$Ax^2+Bx+C$

Enter coefficients A, B, C

1 -2 1

Roots are equal: 1.00000000 1.00000000

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

$Ax^2+Bx+C$

Enter coefficients A, B, C

1 -1 -6

Roots are unique: 3.00000000 -2.00000000