

```
C:\Users\Debasis\Documents\GitHub\FortranSem1\assignments>gfortran 13gausselim.f90
```

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

```
 3.00   3.00   4.00  20.00
```

```
 1.00   1.00   1.00   6.00
```

```
 2.00   1.00   3.00  13.00
```

```
Triangle matrix:
```

```
 3.00   3.00   4.00  20.00
```

```
 0.00  -1.00   0.33  -0.33
```

```
 0.00   0.00  -0.33  -0.67
```

```
Determinant of the triangle matrix: 1.00000012
```

```
X1 = 3.00
```

```
X2 = 1.00
```

```
X3 = 2.00
```

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