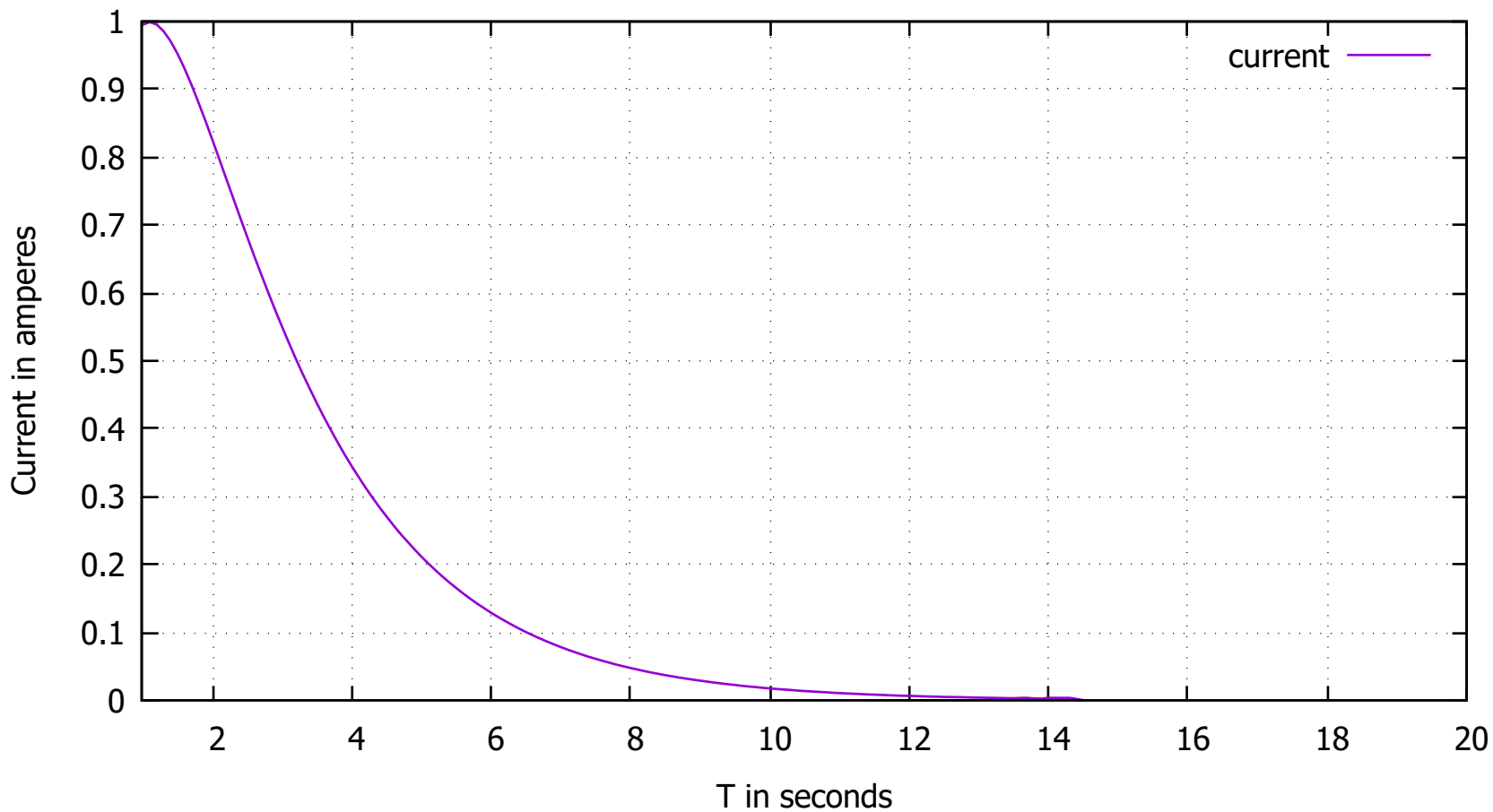
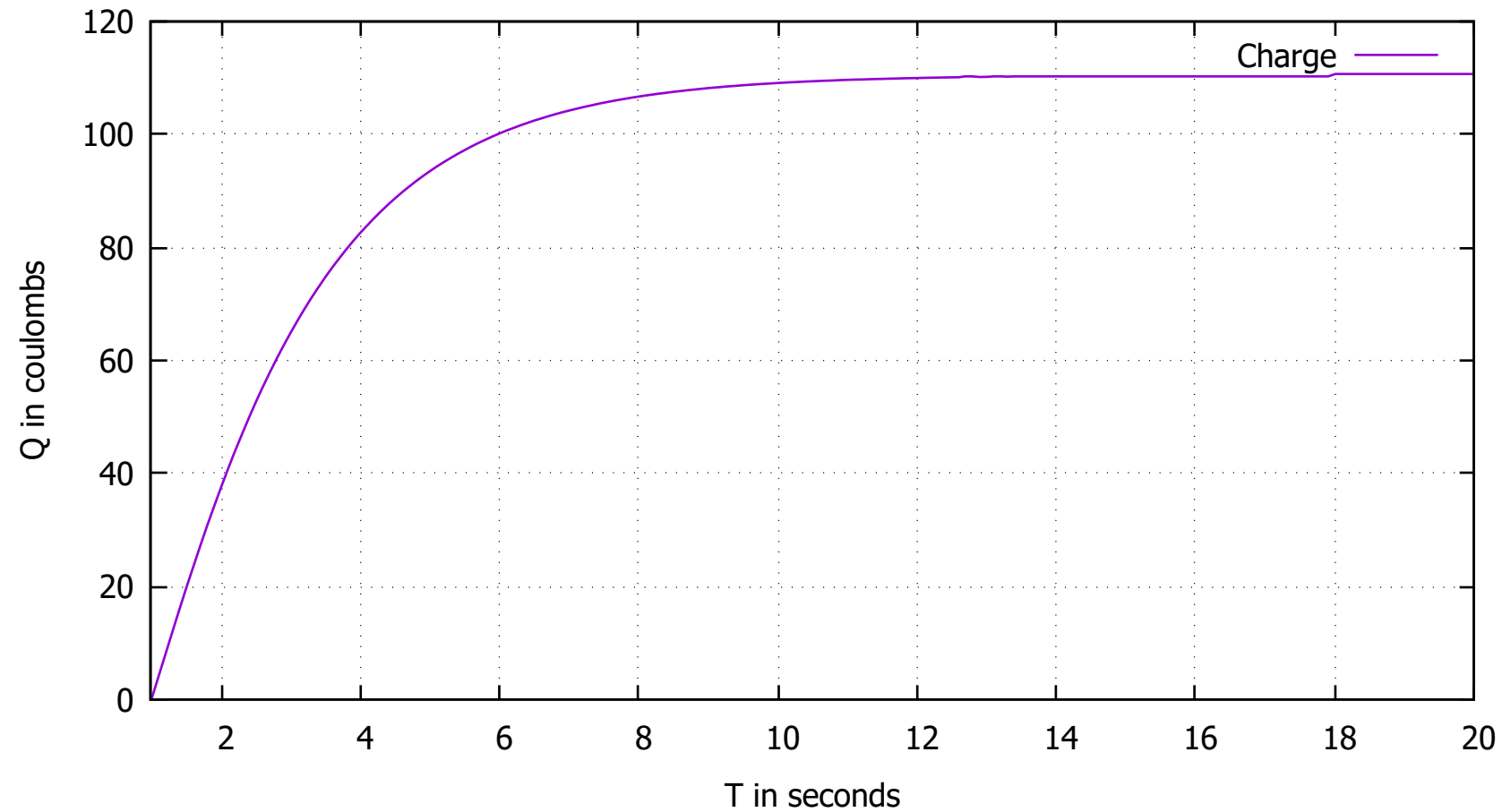


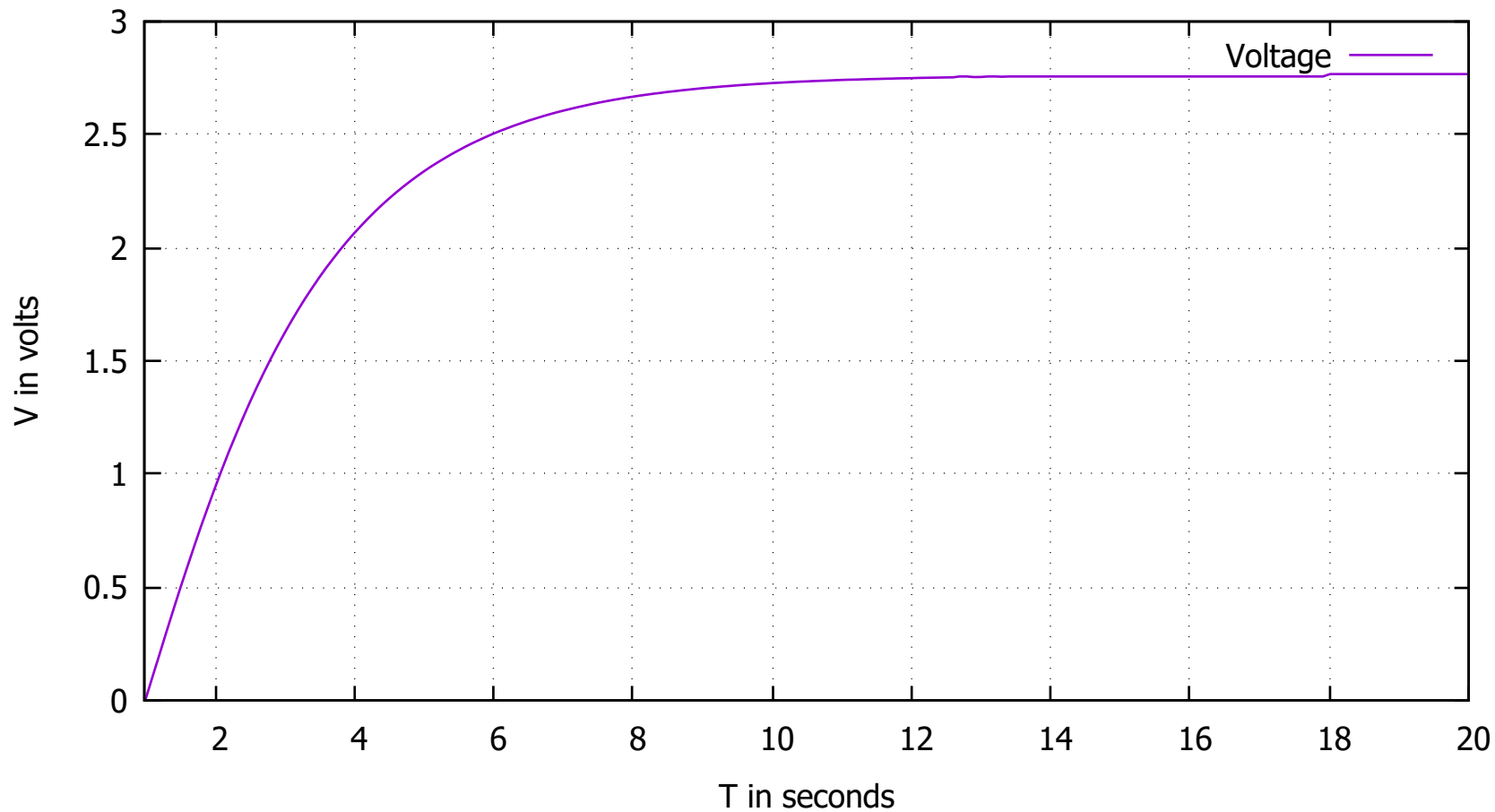
Current vs Time



Charge vs Time



Voltage vs Time



```
C:\Users\Debasis\Documents\GitHub\FortranSem1\assignments_lect\capcharge>gfortran capcharge.f90
```

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

```
Time:      4.00 seconds  
Current:   0.3447 amperes  
Charge:    2.0637 coulombs  
Voltage:   82.5474 volts
```

```
Time:      6.00 seconds  
Current:   0.1289 amperes  
Charge:    2.5036 coulombs  
Voltage: 100.1435 volts
```

```
Time:     20.00 seconds  
Current:  0.0001 amperes  
Charge:   2.7615 coulombs  
Voltage: 110.4603 volts
```

```
C:\Users\Debasis\Documents\GitHub\FortranSem1\assignments_lect\capcharge>_
```