```
import numpy as np array3=
np.loadtxt("/content/testmarks1.csv",delimiter=',',dtype=str,sk
i prows=1)
print(array3
) Rollno=[]
Eds=[]
son=[] Dt=[]
Et=[] for i in
array3:
 Eds.append(float(i[1]))
 son.append(float(i[2]))
 Dt.append(float(i[3]))
 Et.append(float(i[4])
) print(Eds) print(son)
print(Dt) print(Et)
m=max(Edsarr)
mi=min(sonarr)
Edsarr=np.array(Eds)
sonarr=np.array(son)
Dtarr=np.array(Dt)
Etarr=np.array(Et)
std=np.std(Dtarr)
med=np.median(Etarr)
var=np.var(Edsarr)
mean=np.mean(sonarr)
sort=np.sort(Dtarr) search =
np.where(sonarr == 26.16)
print(dt) print("The min
of son",mi) print("The
max of eds",m) print("The
std of Dtarr",std)
print("The med of
Etarr",med) print("The
var of Edsarr",var)
```

```
print("The mean ofsonarr
",mean) print("The
sortedc arr of Dtarr
",sort)
print("The search arr of sonarr ",search)
```

OUTPUT

```
['801' '43.05' '27.79' '28.7' '27.79']
  ['802' '43.47' '28.52' '28.98' '27.89']
  ['803' '42.24' '28.16' '28.16' '25.63']
  ['804' '39.24' '26.16' '26.16' '26.16']
  ['805' '40.9' '26.03' '27.27' '25.65']
  ['806' '39.47' '26.31' '26.31' '25.21']
  ['807' '41.68' '25.63' '27.79' '25.46']
  ['808' '42.19' '27.61' '28.13' '26.21']
  ['809' '44.75' '28.35' '29.83' '28.21']
  ['810' '46.95' '28.88' '31.3' '28.53']]
[43.05, 43.47, 42.24, 39.24, 40.9, 39.47, 41.68, 42.19, 44.75, 46.95]
[27.79, 28.52, 28.16, 26.16, 26.03, 26.31, 25.63, 27.61, 28.35,
28.88] [28.7, 28.98, 28.16, 26.16, 27.27, 26.31, 27.79, 28.13, 29.83,
31.3] [27.79, 27.89, 25.63, 26.16, 25.65, 25.21, 25.46, 26.21, 28.21,
28.53] The min of son 25.63
The max of eds 46.95
The std of Dtarr 1.4784725225718605
The med of Etarr 26.185000000000002
The var of Edsarr 4.920064000000002
The mean ofsonarr 27.344
The sortedc arr of Dtarr [26.16 26.31 27.27 27.79 28.13 28.16 28.7 28.98
29.83 31.3 ]
The search arr of sonarr (array([3]),)
```