

Q 22) Calculate the Z scores of 90% confidence interval,94% confidence interval, 60% confidence interval

In [1]:

▶

```
from scipy import stats
from scipy.stats import norm
```

In [2]:

▶

```
# Z-score of 90% confidence interval
stats.norm.ppf(0.95)
```

Out[2]:

1.6448536269514722

In [3]:

▶

```
# Z-score of 94% confidence interval
stats.norm.ppf(0.97)
```

Out[3]:

1.8807936081512509

In [4]:

▶

```
# Z-score of 60% confidence interval
stats.norm.ppf(0.8)
```

Out[4]:

0.8416212335729143