**Devansh Shah  
1914078**

**A4**

Analysed Sleep data

**Code**

import pandas as pd

df = pd.read\_excel('student\_working\_hour\_data.xlsx')

df.head()

# Sleep

sleep = df.iloc[:,2]

sleep.mean()

sleep.mode()

sleep.median()

sleep.var()

sleep.std()

sleep.quantile([0.25,0.5,0.75])

**Output**

Mean: 7.40566037735849

Mode: 8.0

Median: 7.0

Variance: 1.2601596516690838

Standard Deviation: 1.1225683282852246

All Quantile ranges:-

0.25 7.0

0.50 7.0

0.75 8.0