Practical 9
Python programs to demonstrate the use of mean, median, mode, standard deviation and variance.

```
import statistics
# Sample data
data = [10, 20, 20, 30, 40, 50]
# Calculate mean
mean_value = statistics.mean(data)
# Calculate median
median_value = statistics.median(data)
# Calculate mode
try:
    mode_value = statistics.mode(data)
except statistics.StatisticsError:
    mode_value = "No unique mode found"
# Calculate standard deviation
std_dev = statistics.stdev(data)
# Calculate variance
variance_value = statistics.variance(data)
# Print the results
print(f"Data: {data}")
print(f"Mean: {mean_value}")
print(f"Median: {median_value}")
print(f"Mode: {mode_value}")
print(f"Standard Deviation: {std_dev}")
print(f"Variance: {variance_value}")
```