Assignment 1

**Answer1)**  These samples are paired because the execution time is recorded in both formats of each file. That is the data is taken from the same file.

**Answer2)** The p-value of both the types is <0.0001. The data is not normal since the p-value corresponding the Shapiro test is <0.05.

**Answer3)** We will use Wilcoxon’s signed rank test since the data is paired and not normal.

**Answer 4)** The p-value of the test is 0.5215 , there is no significant difference.