#### **Option #1: Implementing SAS Hypothesis Testing**

**data TestScores;**

**input TScore\_before TScore\_after @@;**

**datalines;**

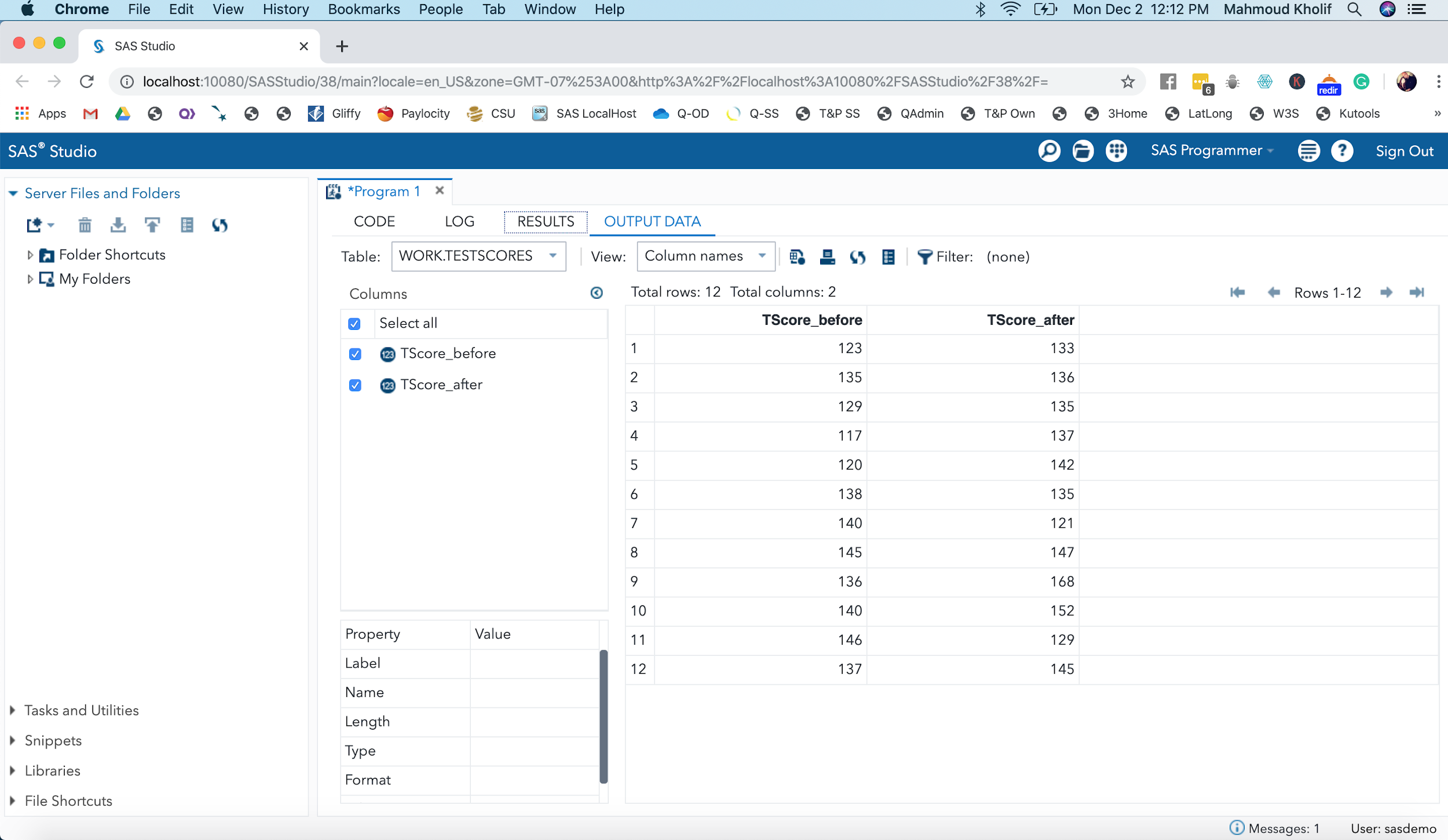
**123 133 135 136 129 135 117 137**

**120 142 138 135 140 121 145 147**

**136 168 140 152 146 129 137 145**

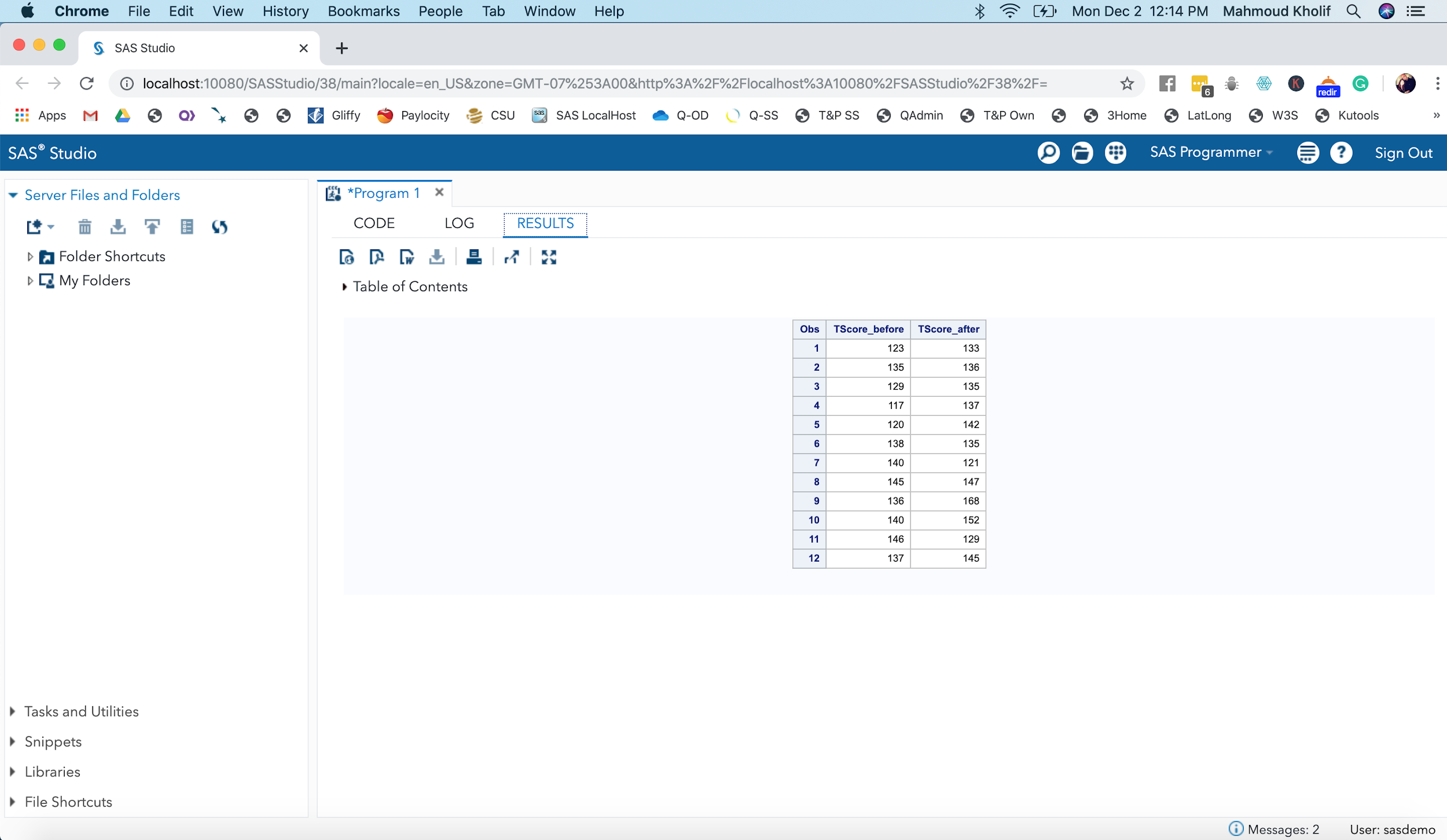
**;**

**run;**



**proc print data=TestScores;**

**run;**

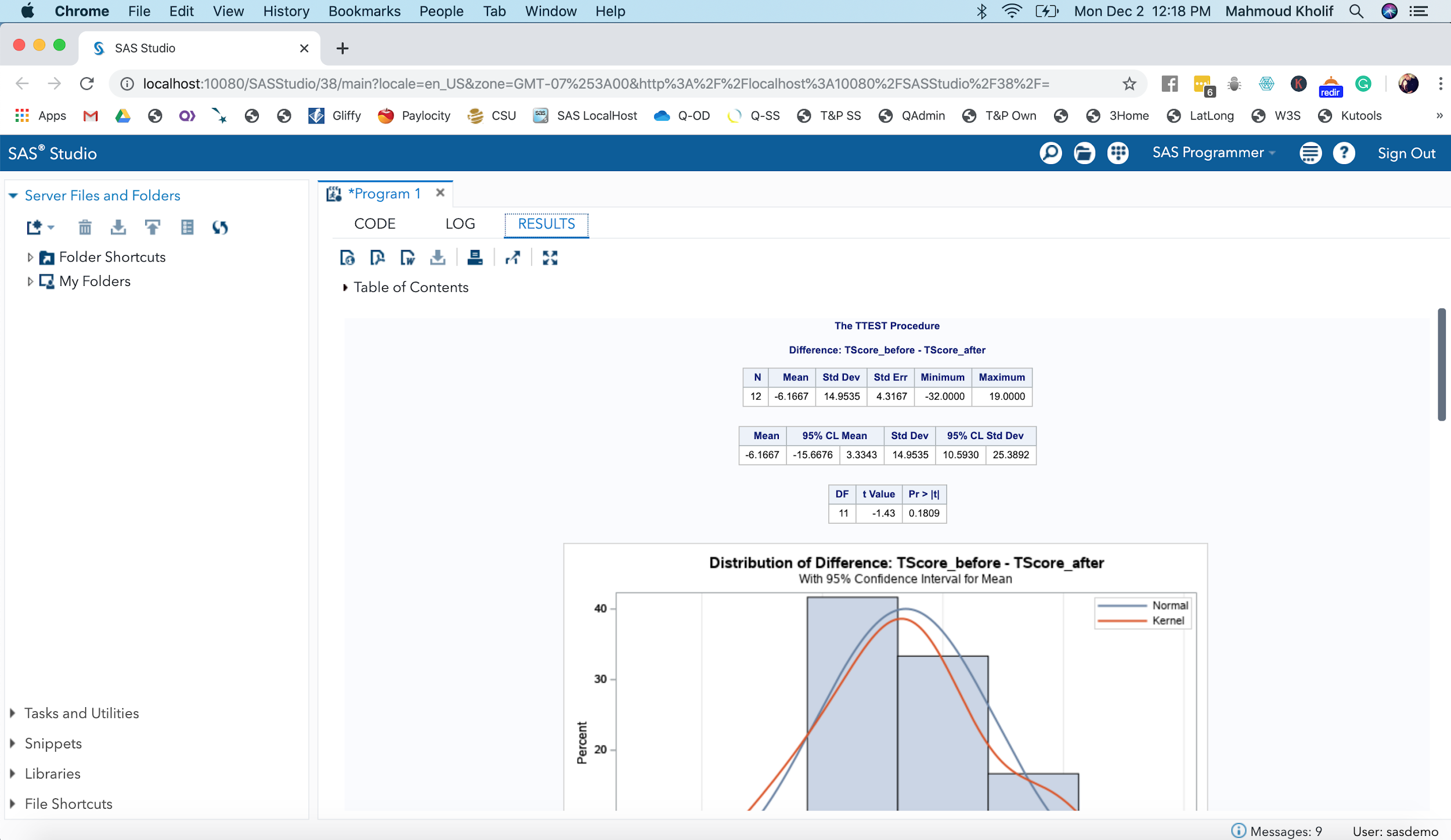


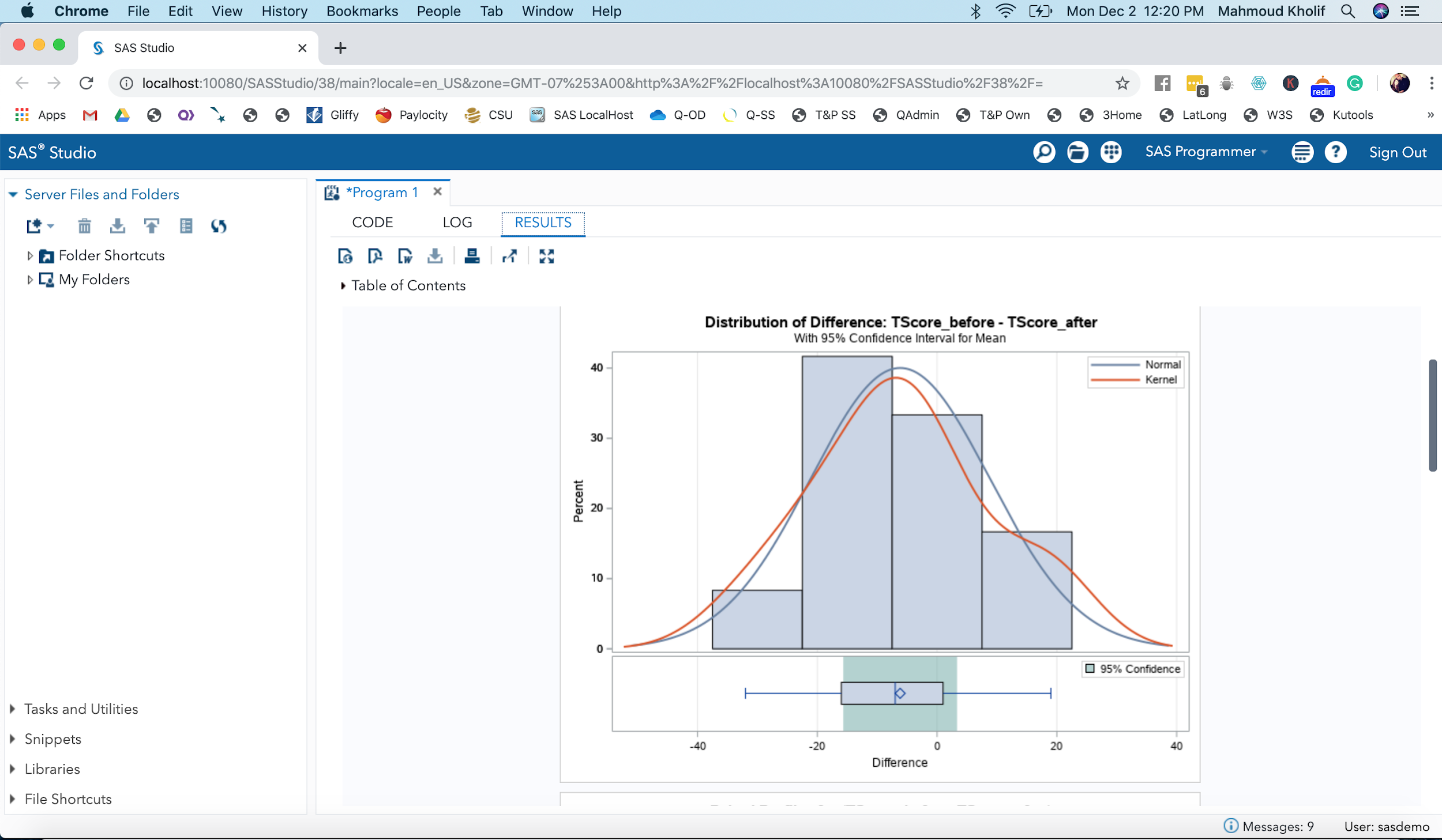
**ods graphics on;**

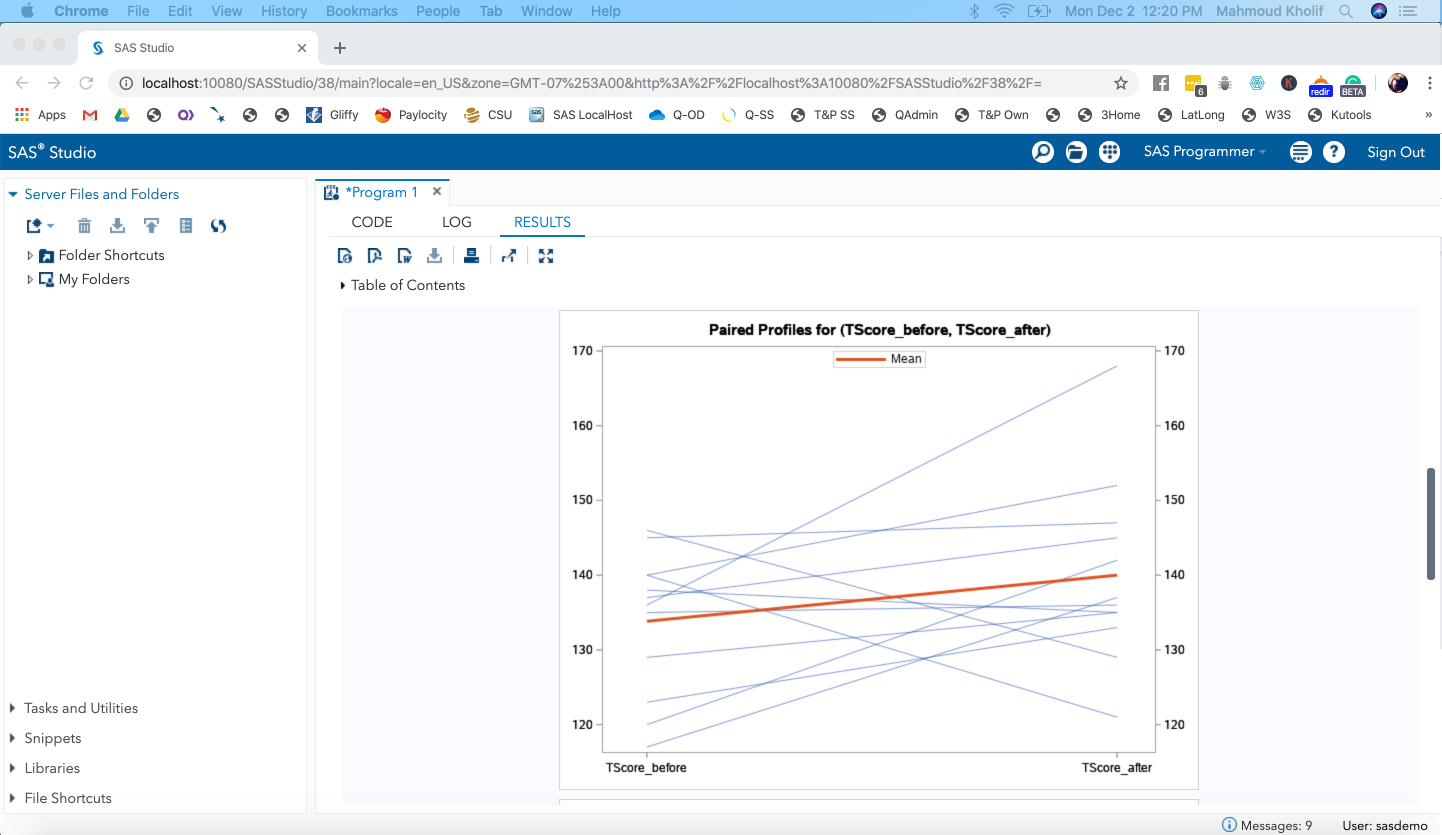
**proc ttest;**

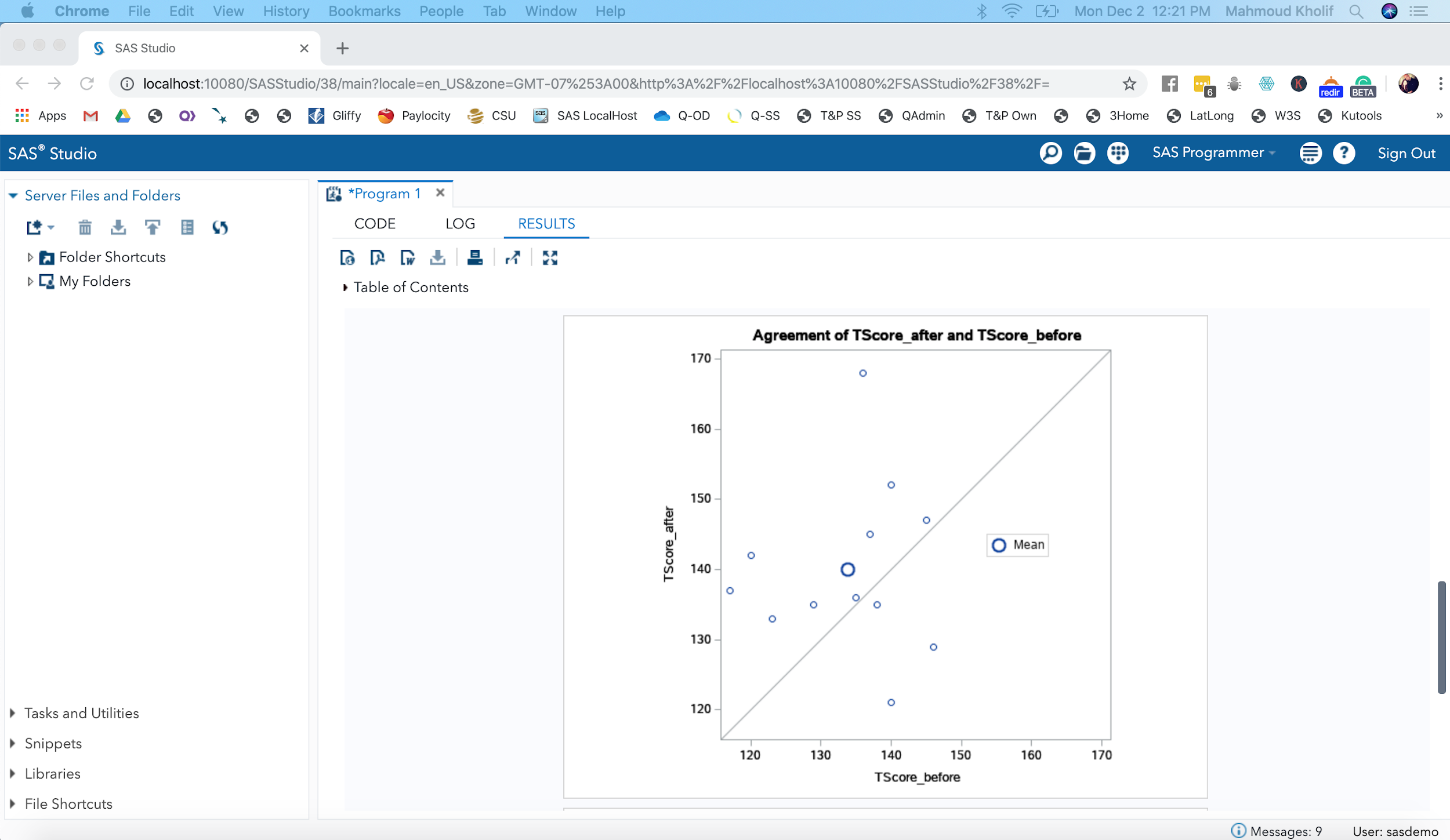
**paired TScore\_before\*TScore\_after;**

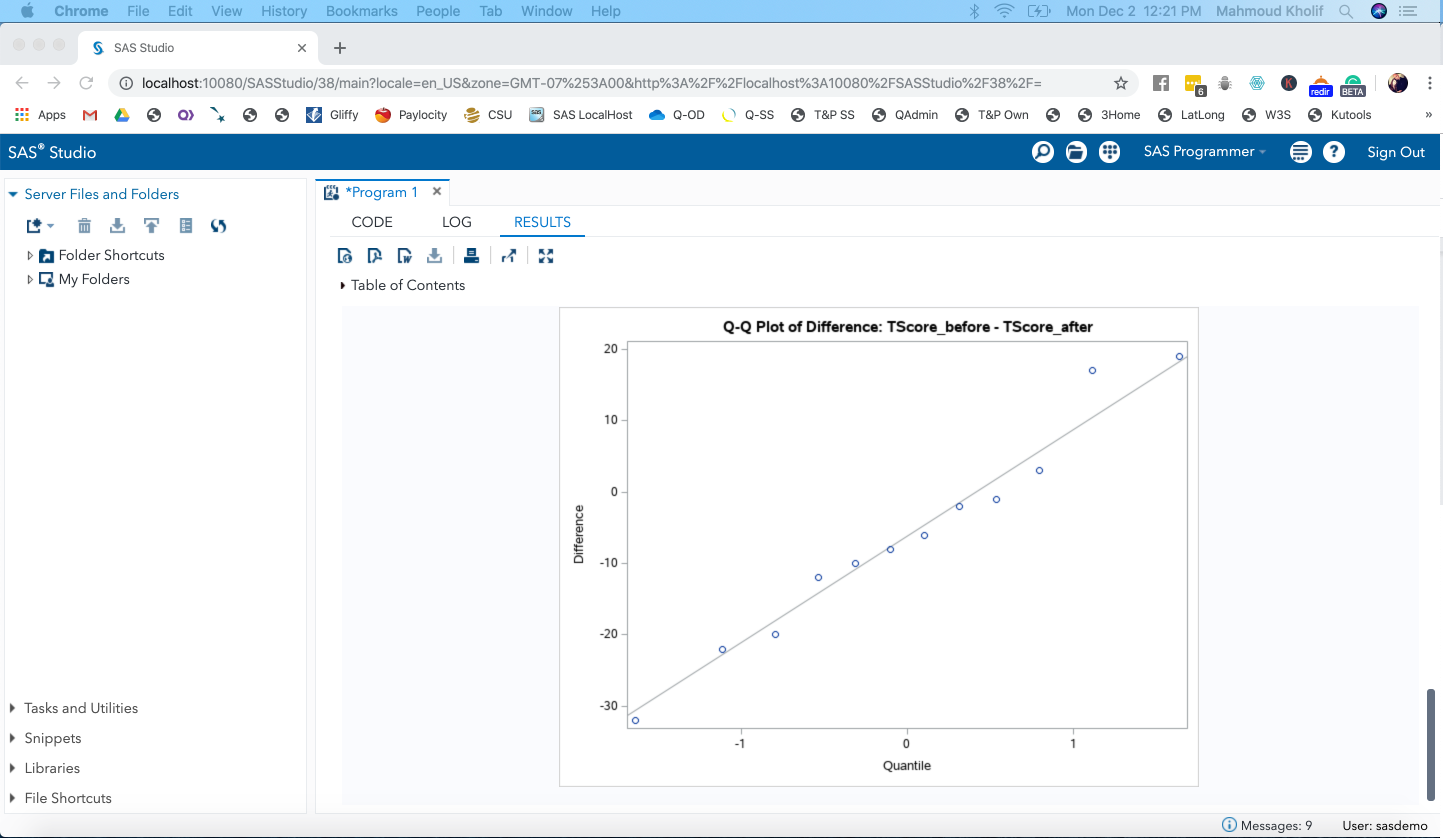
**run;**



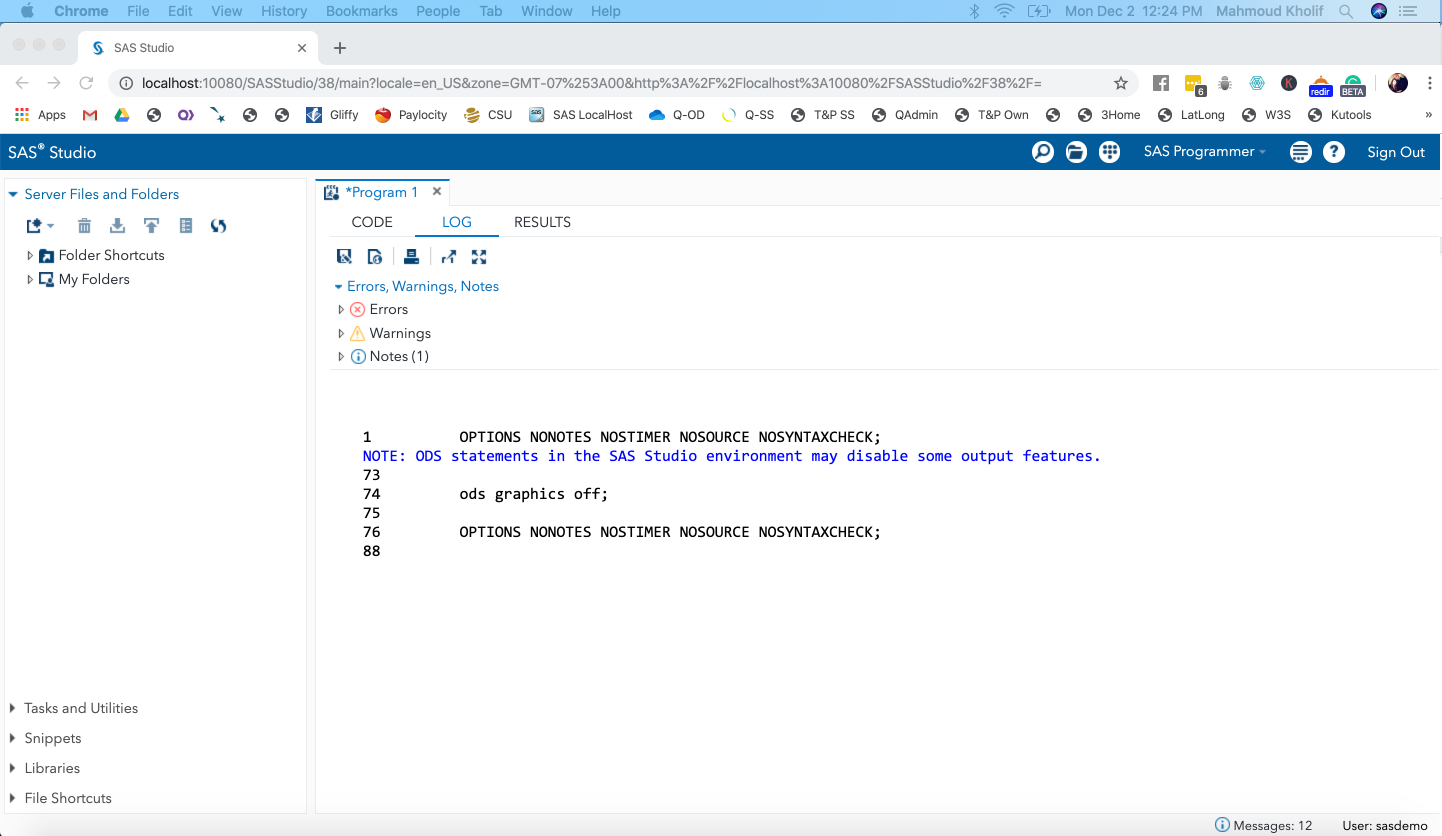








**ods graphics off;**

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