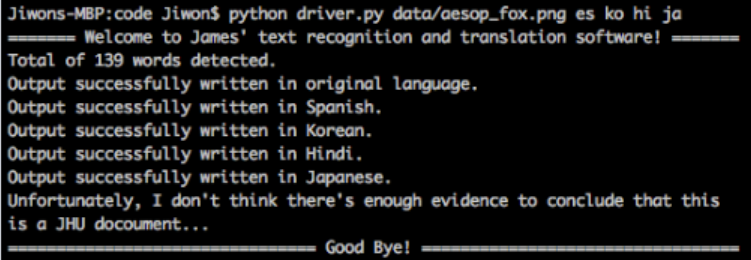
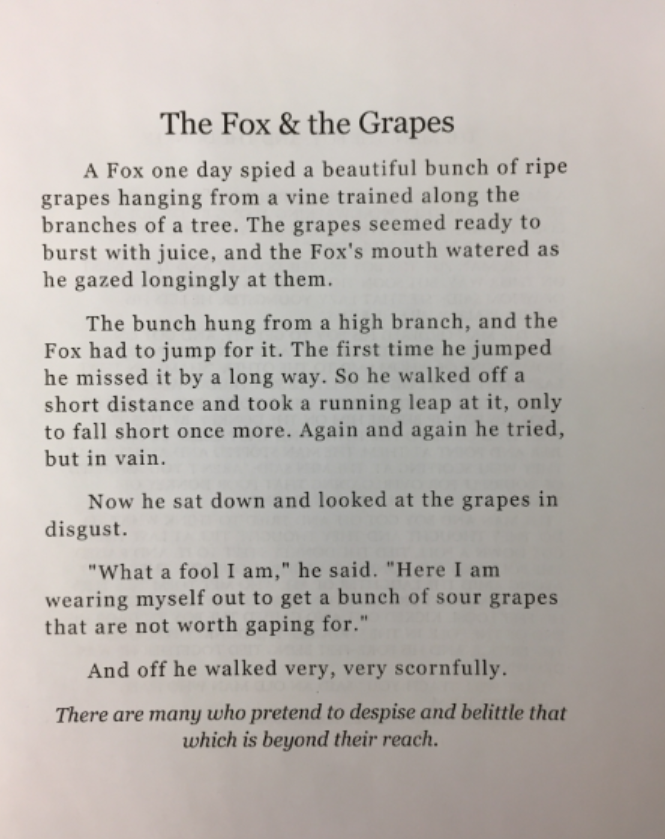
**Appendix A.**

The following are sample runs for the three images referred to in our report.

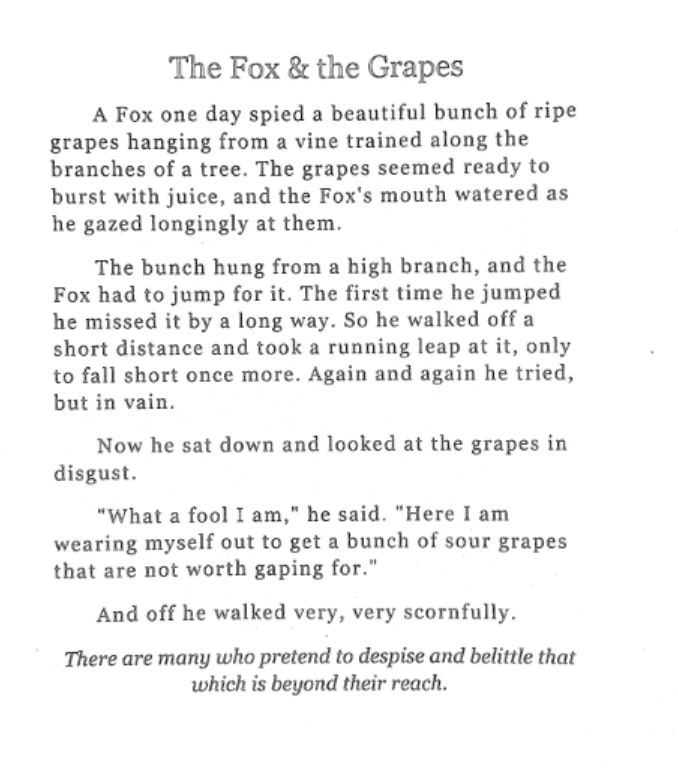
**1. Image 1:** aesop\_fox.png



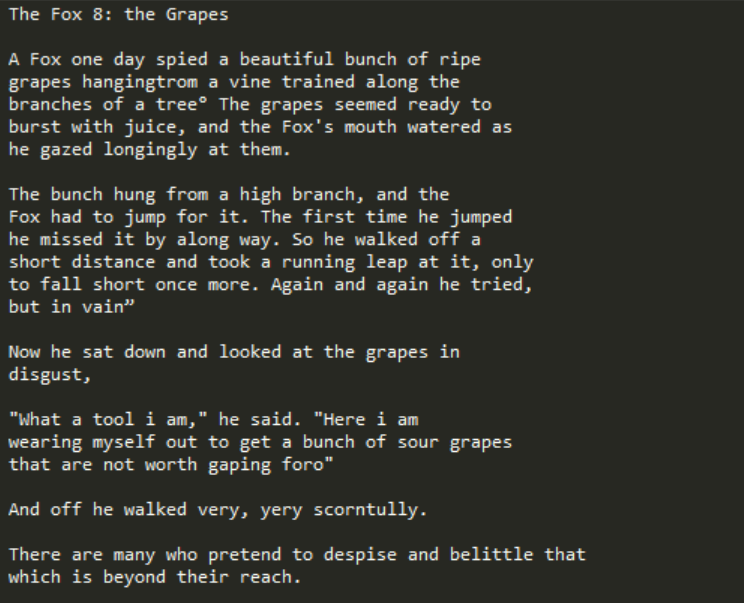
**Command line argument and standard out.**



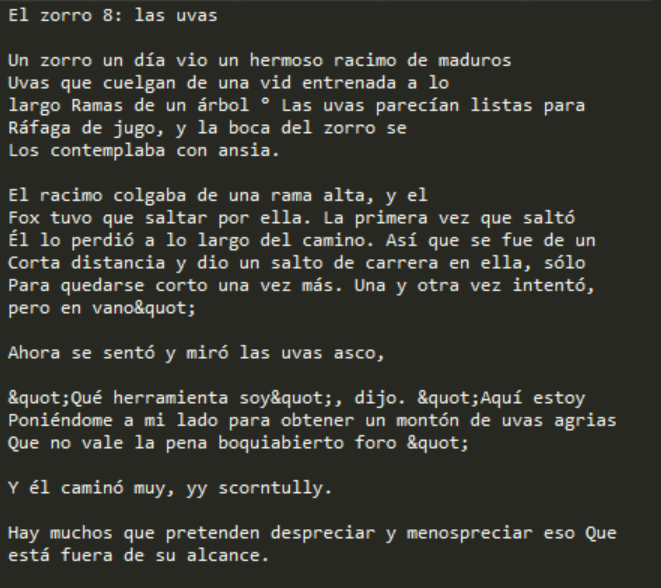
**Original input image** aesop\_fox.png**, unprocessed.**



**Processed input image** aesop\_fox\_thresh.png**.**

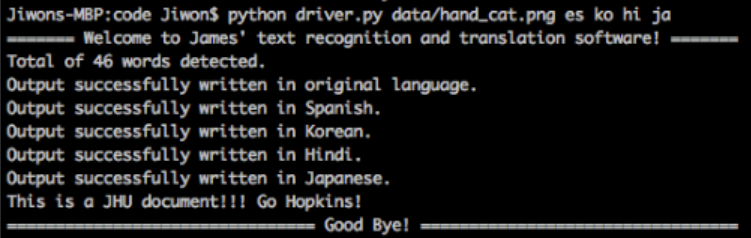


**Text output in English. (**aesop\_fox\_output.txt**)**

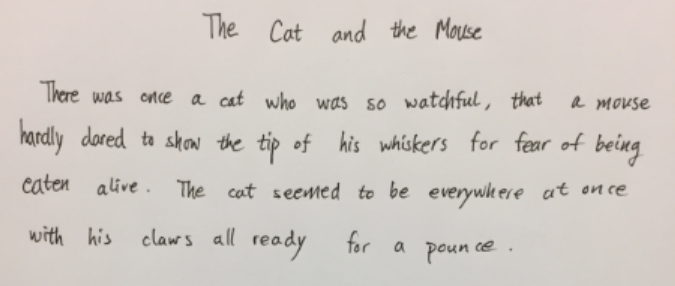


**Text output in Spanish. (**aesop\_fox\_output\_es.txt**)**

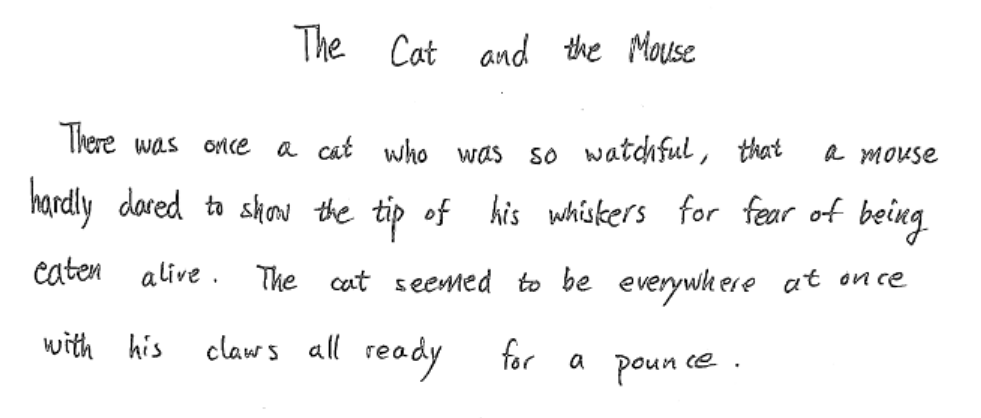
**2. Image 2:** hand\_cat.png



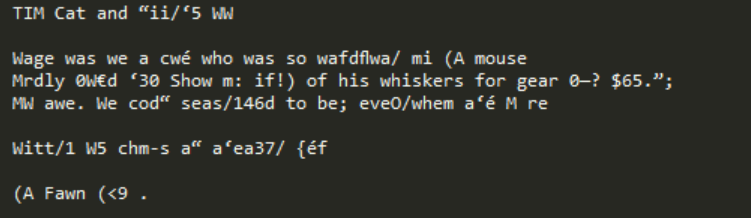
**Command line argument and standard out.**



**Original input image** hand\_cat.png**, unprocessed.**

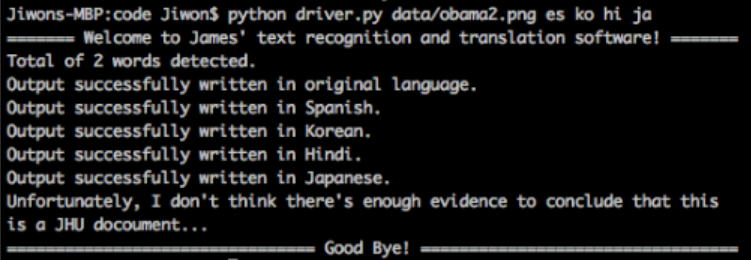


**Processed input image** hand\_cat\_thresh.png**.**

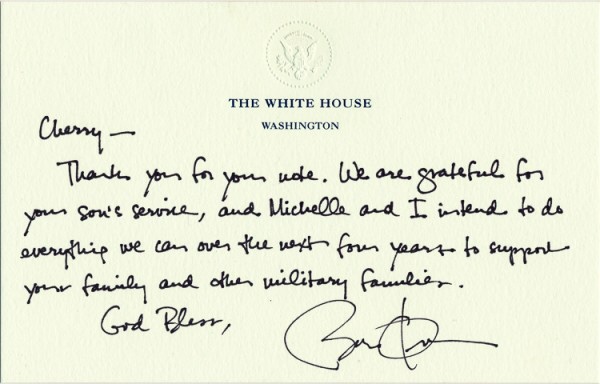


**Text output in English. (**hand\_cat\_output.txt**)**

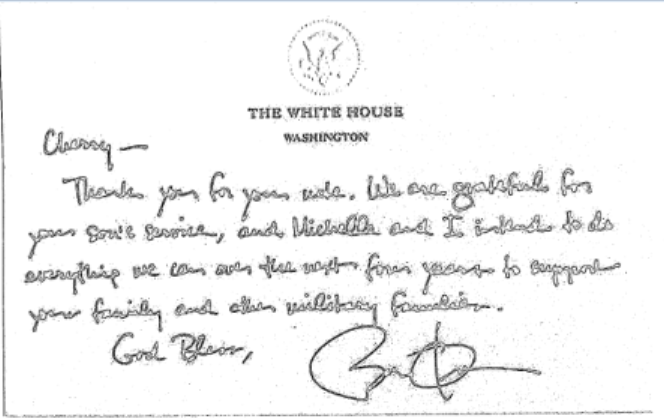
**3. Image 3:** obama2.png



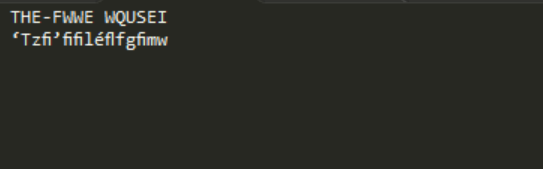
**Command line argument and standard out.**



**Original input image** obama2.png**, unprocessed.**



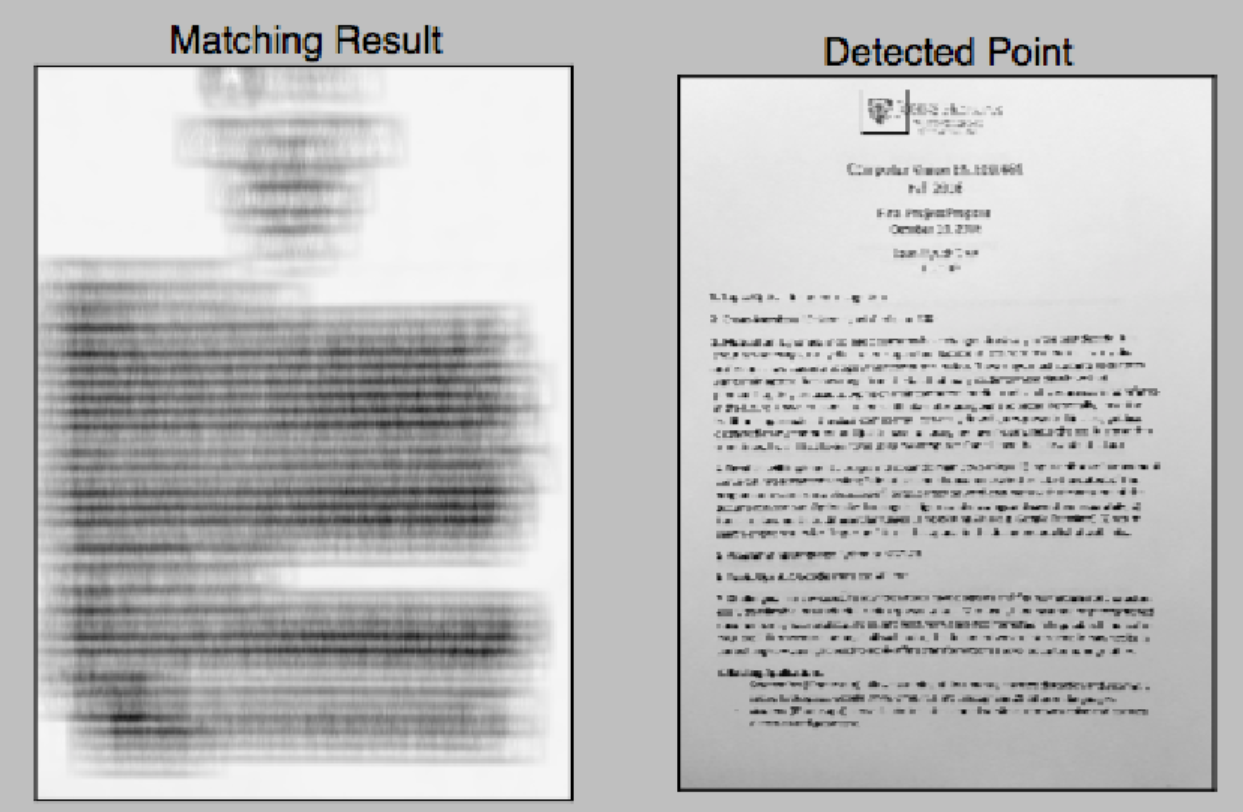
**Processed input image** obama2\_thresh.png**.**



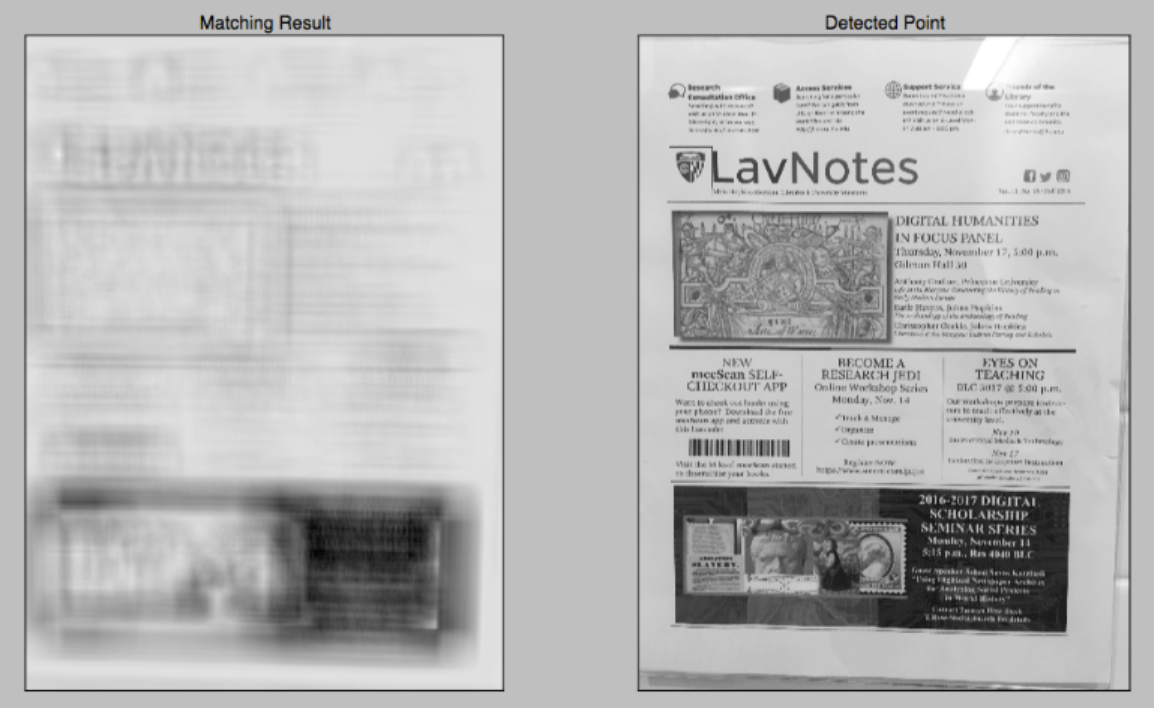
**Text output in English. (**obama2\_output.txt**)**

**Appendix B.**

The following are additional template match outputs referred to in the report.



**Template match using** cv\_jchoi\_proposal.png **as input and** jhu\_logo5.png **as template.**



**Template match using** lav\_notes1.png **as input and** jhu\_logo5.png **as template.**