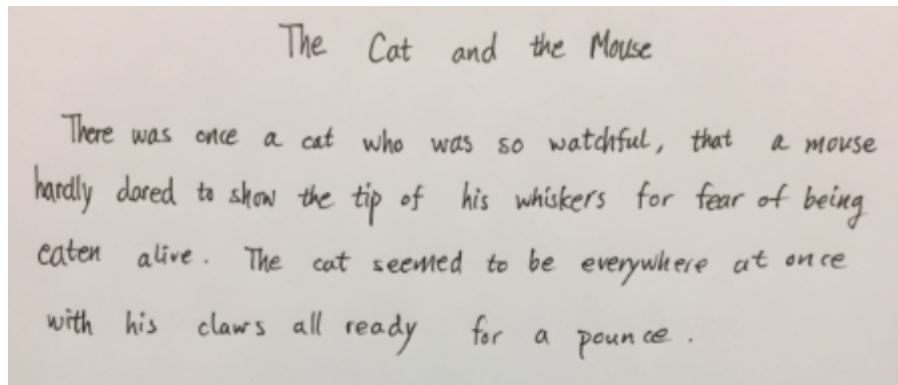


## 2. Image 2: hand\_cat.png

```
Jiwons-MBP:code Jiwon$ python driver.py data/hand_cat.png es ko hi ja
===== Welcome to James' text recognition and translation software! =====
Total of 46 words detected.
Output successfully written in original language.
Output successfully written in Spanish.
Output successfully written in Korean.
Output successfully written in Hindi.
Output successfully written in Japanese.
This is a JHU document!!! Go Hopkins!
===== Good Bye! =====
```

Command line argument and standard out.



Original input image hand\_cat.png, unprocessed.

The Cat and the Mouse

There was once a cat who was so watchful, that a mouse hardly dared to show the tip of his whiskers for fear of being eaten alive. The cat seemed to be everywhere at once with his claws all ready for a pounce.

Thresholded input image hand\_cat\_thresh.png.

```
TIM Cat and "ii/'5 WW

Wage was we a cwé who was so wafdlwa/ mi (A mouse
Mrdly 0Wéd '30 Show m: if!) of his whiskers for gear 0-? $65.";
MW awe. We cod" seas/146d to be; eveO/whem a'é M re

Witt/1 W5 chm-s a" a'ea37/ {éf

(A Fawn (<9 .
```

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