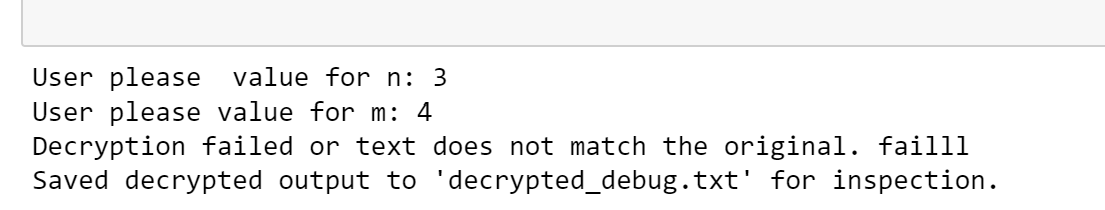
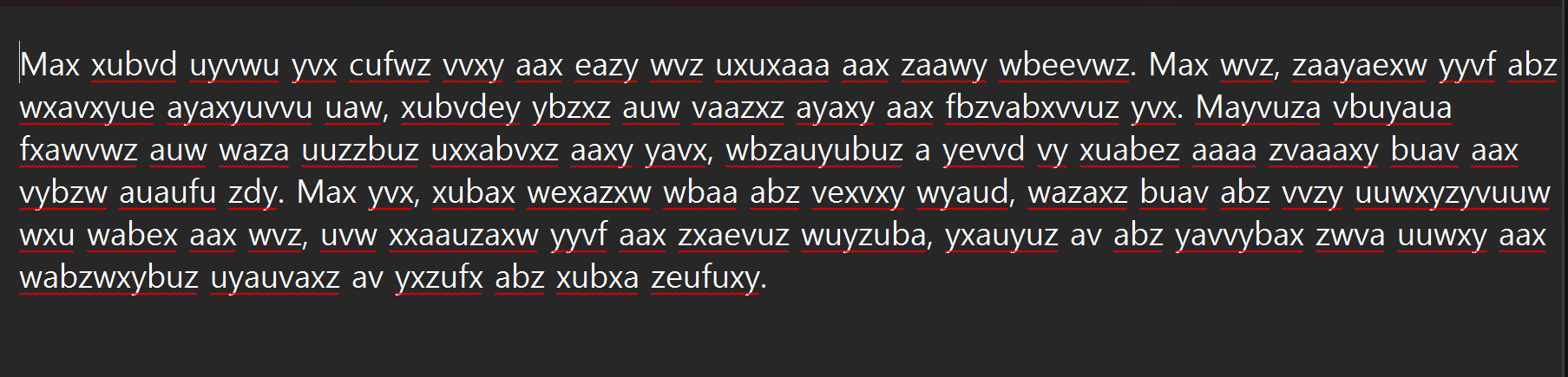
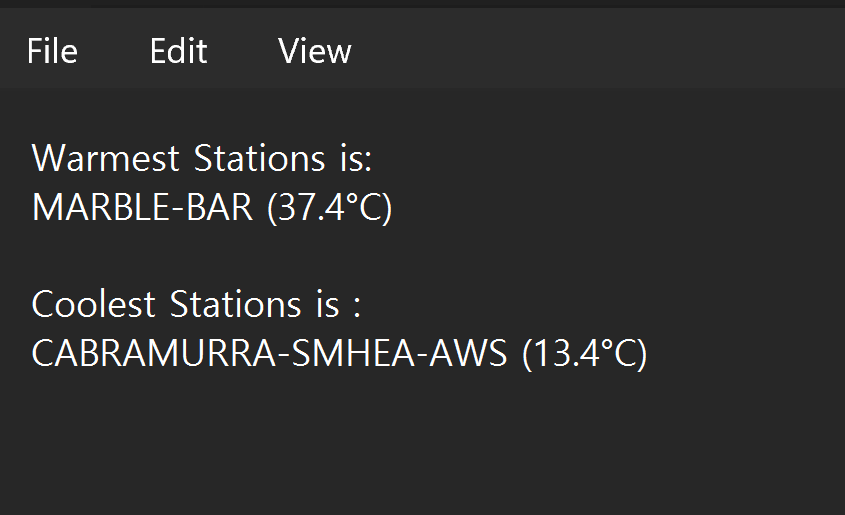
Output for question 1:





Output for question 2:



Output for question 3:

