Good Code Explanation

The four principles that our code chose to adhere to were KISS, DRY Code, Separation of Concerns, and Clean Code. The goal of this program is to have the user draw three separate tarot cards and have their fortune told based on what is drawn. We decided to use Separation of Concerns first as it is a structural change in the code. To follow this principle we created three separate functions: conversation, drawACard, and continuedFortune. Each of these functions handles a different aspect of the program without overlapping and needing to call any other functions. The conversation function is formatted so that in the main method a simple loop can be used to work through each question posed by the fortune teller by passing in which line is needed. The next function drawACard showcases KISS and DRY code as it selects a random card from the dictionary only once to avoid repeating itself, then the function returns a formatted string to avoid the returned value appearing as a tuple to keep the output simple. Finally the continuedFortune function is a way to use Separation of Concerns and keep the dialogue management self contained by taking user input within the function and returning a boolean as to whether the user would like to continue which allows for a simple if statement at the end of the main function to check if the user would like to continue, if they do then we call the main function again if not the program ends.