1. I had to deal with making sure that the split function was working properly and elegant. I didn’t want more loops than I needed so I had a hard time implementing the algorithm to make sure that I minimized loops and was still correct.
2. Test Data
   1. *appendToAll*: I used regular strings as well as empty strings to test. Both worked
   2. *lookup*: I used strings that weren’t in the array as well as ones that were
   3. *positionOfMax*: Tried will all the strings the same and no strings at all
   4. *rotateLeft*: I used all the same elements, as well as an empty array
   5. *countRuns*: I used all the same elements as well as am empty array and all unique elements
   6. *flip*: I used all empty values, and tried flipping at 0 and at n
   7. *differ*: I compared two identical strings and non identical strings as well as empty strings
   8. *subsequence*: I made the subsequence have the same element twice and compared if it got confused. I also made sure to have two of the same subsequences to have it return the first one
   9. *looupAny*: I looked up values that were both in and not in the array
   10. I made sure that it would split if all values were the same or different, and all values were compared to values greater than everything and less than everything to return n