Some notable obstacles I noticed were thinking about how to start the program. I overcame this by mapping out my thought process by hand and seeing how I could transfer that process into code.

Tests:

string x[4]={“Alpha”, “Phi”, “Omega” , “LFS” };

string x1[5]={“Alpha”, “Phi”, “Omega” , “LFS”, “Pledge”, “Wu”};

string y[0];

string z[3]={“Ying”, “Bin”, “Wu”};

string a[2]={“Bin”, “Wu”};

string b[6]={“UCLA”, “MIT”, USC”, “UCSD”, “CMU”, “Columbia”};

string b1[7]={“UCLA”, “MIT”, USC”,”Harvard”, “UCSD”, “CMU”, “Columbia”};

For appendToAll, I used array x and y and appended “!!” to each element. I did this for various n’s including negatives.

For lookup, I used array z and y and looked up “Bin”. I did this for various n’s including negatives.

For positionOfMax, I used array b and y. I did this for various n’s including negatives.

For rotateLeft, I used array z, y and b. I did this for various n’s including negatives. I did this for various pos.

For rotateRight, I used array x, y and b. I did this for various n’s including negatives. I did this for various pos.

For flip, I used array x,z, and b. I did this for various n’s including negatives.

For differ, I used b and b1,x and x1, x and a, and x and y. I did this for various n1’s and n2’s including negatives.

For subsequence, I used z and a, z and y, b and b1. I did this for various n1’s and n2’s including negatives.

For lookupAny, I used x1 and z. I did this for various n1’s and n2’s including negatives.

For separate, I used array x, y, and b. I did this for various n’s and various seperators.