

**Steps of how the flowchart operates:**

1. First I initialised the variables score, high\_score, round, letters[99], letters\_picked[9], user word[9], vowel[5] and round. Letters[99] = {12 letters: e; 9 letters: a; 8 letters: o; 6 letters: n, r, t; 4 letters: l, s, u, d; 3 letters: g; 2 letters: b, c, m, p, f, h, v, w, y, k; 1 letters: j, x, q, z;}. Vowel[5] = {a, e, i, o, u}
2. I then created a loop that uses a counter to generate 9 random letters.
3. These letters are then printed and the user is then prompted to make a word out of these 9 letters.
4. I then used another loop that changed the word that the user has entered into separate letters for an array which includes error checking if the user hasn't entered correctly.
5. After this I used a loop in order to calculate the score which is 2 points for a consonant and 1 point for a vowel.
6. I then created a process that uses 2 variables in order to calculate the high score.
7. I then check if the round is equal to 5. If it is the program continues down to end and show the high score and total score, if not the program loops back around for another round
8. If there have been 5 rounds the program asks if the user wants to play again. If so the flowchart loops back around, if not the program prints thanks for playing and ends.