The flowchart goes from start and initialises the following variables

* Rounds = 5
* Overall score = 0
* Array User\_Guess (array length of nine) - contains nothing at the moment
* Array of Letters (array length of ninety-nine) contains the following letters:

1. 12 e
2. 9 a, i
3. 8 o
4. 6 n, r, t
5. 4 l, s, u, d
6. 3 g
7. 2 b, c, m, p, f, h, v, w, y, k
8. 1 j x q z

* Count for random letters = 0
* Array ran\_letters (array length = 9) contains nothing at the moment
* Ran\_num = ran(0,98)
* Score = 0
* Count\_for\_vowels = 0
* Is count\_for\_ran\_letters < Array\_Ran\_letter length

1. While this is true then Array\_ran\_letters [count\_for\_ran\_letters] = Array\_99\_letters [Ran\_number]
2. Ran\_number = ran(0,98)
3. Count\_for\_ran\_letters ++

* When the last bullet point becomes false then we move on to display Array\_ran\_letters contents
* Prompt the user to guess the biggest word they can think of using the given letters
* Place each character into Array User\_guess
* Checking each letter to see if any are

A

E

I

O

U gets two points to be added to the score

And all other letters get one point added to score

* To check for all the letters, we check array \_user­­\_guess [count\_for\_vowels]
* Then check if count\_for\_vowels < array user\_guess
  + If this true then count\_for\_vowels ++ then go back to checking process
* Add score to Overall score
* Check to see if the rounds has got to one
  + If not we go back to array\_user\_guess (we re-intialise all the variables from that point on)
* If this is true we display the overall score to the end user
* We then ask the do they want to play again
* If the answer is yes we restart the entire game
* If the answer is no we end the program