To debug my code I used several test cases to ensure my code worked correctly. Some of the functions I tested the functions countWordsOfLength() and getLadderHeight(). These test cases were:

Ex 1:

int x;

x = countWordsOfLength(“numtext.txt”, 2);

if(x == 4){

printf(“%d\n”, x);

}else{

printf(“wrong\n);

}

Ex 2:

char\* words;

bool x;

x = buildWordsArray(“numtext.txt”, \*words, 4, 2);

printf(“%d\n”, x);

With an input file consisting of words such as:

hello

park

cave

step

After running these tests I mainly tested functionality in the terminal to check that my code was compiling and producing the correct output.