

There are a few things to clarify for A2:

+ Implementation details:

- Although assignment 2 states:

“Game class: You need to define a dedicated class (Game.java) to store the commonly used variables and methods (e.g., showing notification/instruction) that you will use in other parts of the program.”

Students have the freedom to use more than one class in their implementation of the game.

+ Program behaviours:

The program will have the following behaviours (example):

Level 1:

Welcome to “The Word And Number Game”

Level 1: Anagram

At this level, you are given a set of letters. Your task is to input all valid words that you can come up from the letters separated by spaces. Note that each word must use all letters.

You win if there are at least two correct words.

Your letters: p a r s e

Please give your input:

<user input e.g. pares persa paers>

Fail! at least two inputted words must be valid

Your words: persa paers are invalid

Please give your input (second chance):

<user input e.g. pares asper pears>

Congratulations! You completed level 1 successfully

Level 2:

Welcome to “The Word And Number Game”

Level 2: Scrambled Words

At this level, you are given a set of scrambled words. Your task is to input a non-scrambled version of the words that you can come up with, separated by spaces.

You win if there are at least three correct words.

Your scrambled words: aetl paet aerp aresp selat

Please give your input:

<user input e.g. tale tpae paer parse laest>

Fail! at least three inputted words must be valid

Your words: tpae paer and laest are invalid

Please give your input (second chance):

<user input e.g. tale tape paer parse laest >

Congratulations! You completed level 2 successfully

Level 3:

Welcome to "The Word And Number Game"

Level 3: Encoded Words

At this level, you are given a set of encoded words. Your task is to input the decoded version of the words that you can come up with.

You win if all words are correctly decoded.

Sample for you: 8*,18@0#22!,0%,3@14&6^ is the decoded as "i saw a dog"

Your encoded words: 8*,18@0#22!,0%,3@14&6^

Please give your input:

<user input e.g. i saw adog>

Fail! all inputted words must be valid

Please give your input (second chance):

<user input e.g. i saw a dog>

Congratulations! You won the game.