

Assignment 2 Test Cases

Test cases

Use seed: **1120**

Use **upper case** inputs by default

Basics

Test the general flow

Failing the basic test cases (2.1) must fail the medium ones and hard ones (2.2, 2.3)

Case	Inputs	Description
1	Failed Q1	Test the logics of failing a question
2	Pass Q1 – Q15	Test the logics of passing a question
3	Use lower case; pass Q1 – Q15	Test case conversion; the logics of passing a question
4	Pass Q1, jump Q2, withdraw Q3	Test the logics of jumping and withdrawing

Medium level test cases

The test cases are partially referred (not copied) to samples in assignment specifications

Case	Inputs	Description
1	Pass Q1 – Q5, Failed Q6	Test the logics of safety nets
2	Passing Q1 – Q4, jump Q5, fail Q6	Test the logics of jumping the safety net
3	Pass Q1 – Q9, jump Q10, fail Q11	Test the logics of passing one safety net and jump
4	Pass Q1 – Q4, jump Q5, pass Q6 – Q7, fail Q8	Test the logics of jumping one safety net, but passing the questions after the safety net

Hard level test cases

The following test cases are considered hard as they have to be carefully handled

Case	Inputs	Description
1	Pass Q1, jump Q2, jump Q3	Test if more than 1 jumps are allowed
2	Pass Q1 – Q14, jump Q15	Test jumping the final question
3	Passing Q1 – Q4, jump Q5, pass Q6 – Q12, withdraw	Test jumping; passing the 2nd safety net and withdrawing
4	Jump Q1, pass Q2 – Q4, fail Q5	General test