



(b) original GUI, without user input (all values undefined), first and nested group of second group not shown (question 9 & 11 are undefined), the second group is always shown (constant true)

(c) after answering questions 1—8, first group shown (computed question 9 evaluates to true) shadowing the original

question 11 with its

computed version

12: Boolean
13: String #f

(d) after answering questions 10, question 11 is defined; its value is > 9 such that the nested group is

shown and its question 12

shadows the original version

(e) deselecting question 8 deactivates the first group, such that the original question 11 &12 are active again