Flowchart: checkAnswer()

checkAnswer

answerList

get answer from answer list

answer is empty

— False →

True

answer is empty

answer size isn't 5

True

answer must be 5 character

answer is in wordStorage

— False —

True

answer is meaning less
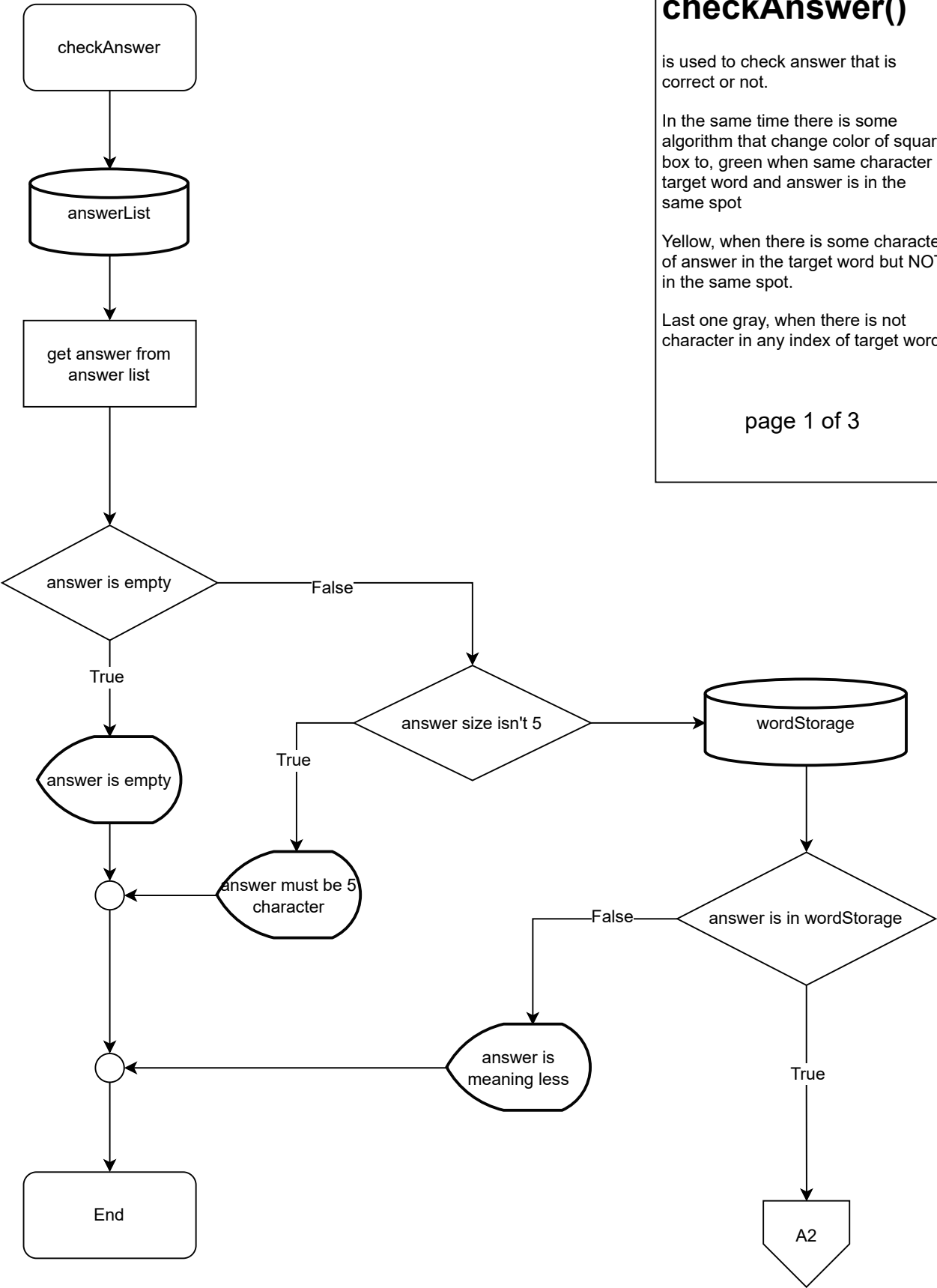
wordStorage

A2

End

---

checkAnswer()

is used to check answer that is correct or not.

In the same time there is some algorithm that change color of square box to, green when same character of target word and answer is in the same spot

Yellow, when there is some character of answer in the target word but NOT in the same spot.

Last one gray, when there is not character in any index of target word

page 1 of 3

A1

store answer
in guess list

this part is for check answer of
each row.

loop 6 time —— out of range ——

in range

A3

loop every character in
answer

out of range

in range

if that character of answer and
character are same index —— False ——

True

if there is character
in answer but not the same index —— False ——

change box to green

True

display green

change box to yellow
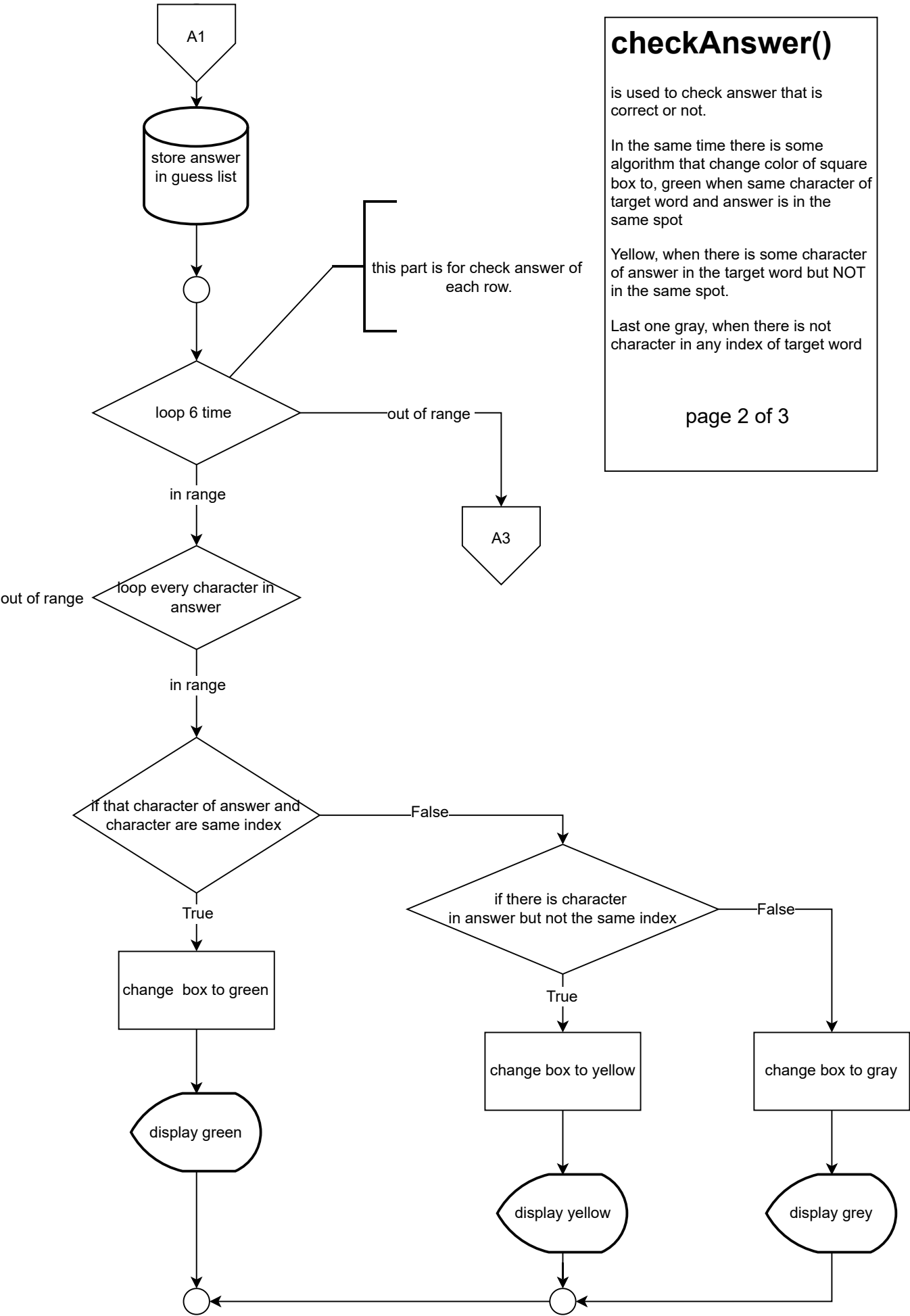
change box to gray

display yellow

display grey

checkAnswer()

is used to check answer that is
correct or not.

In the same time there is some
algorithm that change color of square
box to, green when same character of
target word and answer is in the
same spot

Yellow, when there is some character
of answer in the target word but NOT
in the same spot.

Last one gray, when there is not
character in any index of target word

page 2 of 3

Flowchart: checkAnswer()

A2

if answer is = currWord — False

True

You win

if guess is more than 6

True

You loss

pull guessWord list then store in history

guessWord

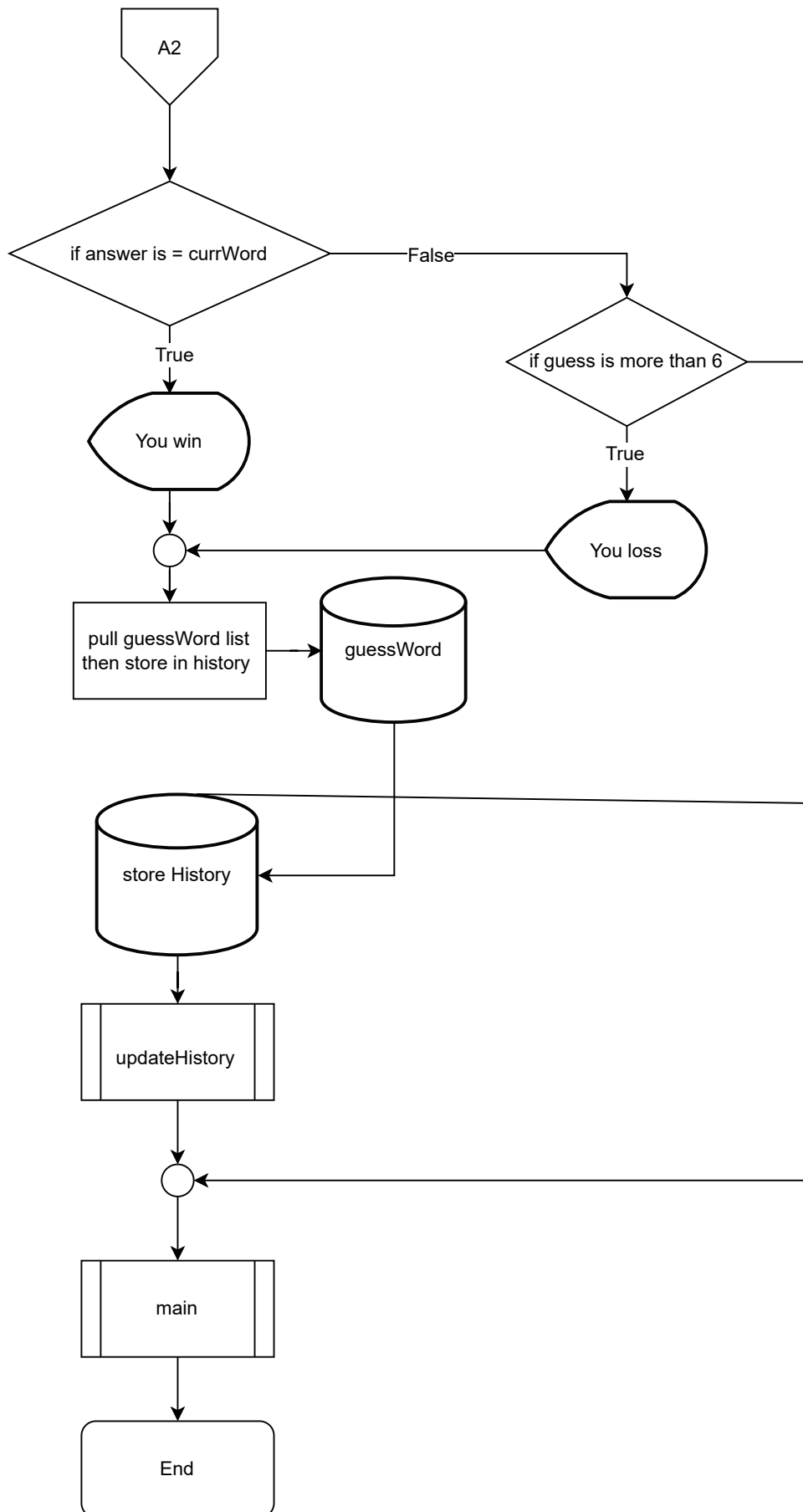store History

updateHistory

main

End

checkAnswer()

is used to check answer that is correct or not.

In the same time there is some algorithm that change color of square box to, green when same character of target word and answer is in the same spot

Yellow, when there is some character of answer in the target word but NOT in the same spot.

Last one gray, when there is not character in any index of target word

page 1 of 3

store history in data such as, time targetWord guess word