# UNPLUGGEDIN at a distance Algorithms

# Key questions

- What is an algorithm?
- How is an algorithm different from a program?

#### High Score Boxes

Clicking a box will reveal its number; your task is to find the highest number and enter it below.



#### Highest number:

Enter answer here...

Submit

```
set the maximum_so_far to the first number

for each other number:
   if the next number is larger than maximum_so_far:
      set maximum_so_far to the number

At the end, maximum_so_far contains the largest value
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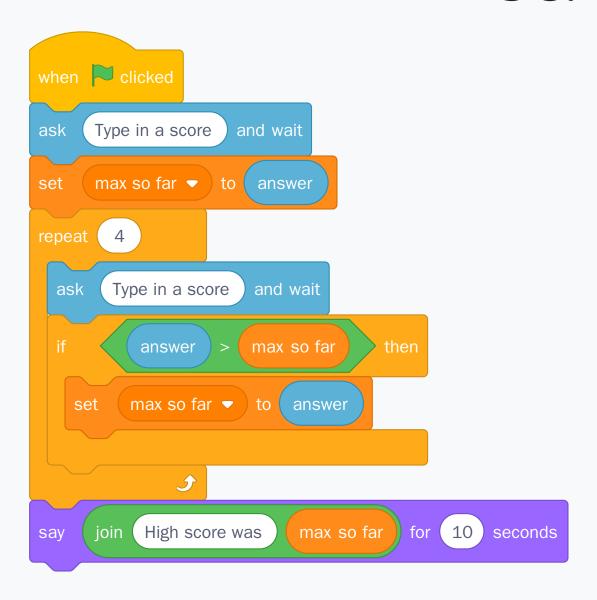


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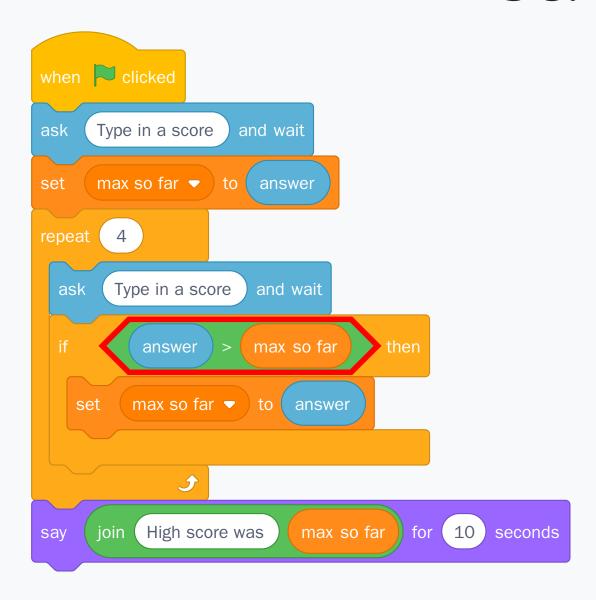
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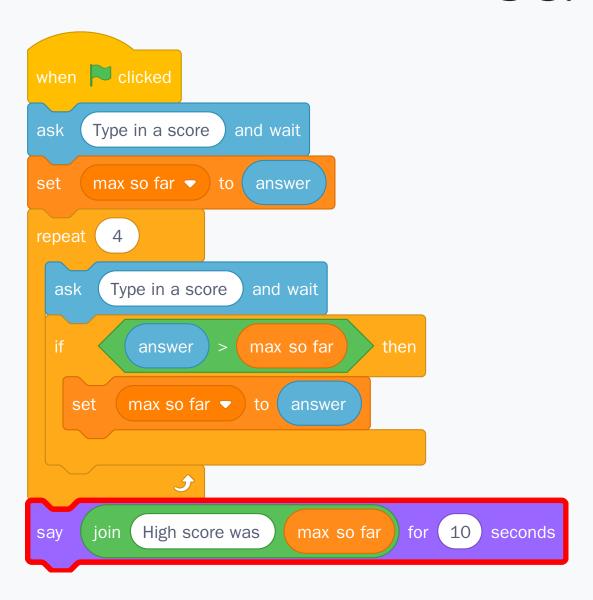




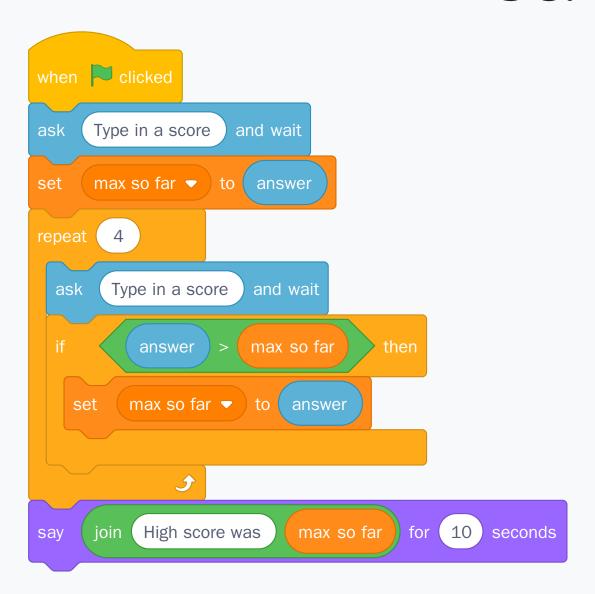














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max_so_far = int(input("Type in a score: "))

for i in range(4):
    score = int(input("Type in a score: "))
    if score > max_so_far:
        max_so_far = score

print("High score was", max_so_far)
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Powered by trinket
Type in a score:



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## Supporting Resources

Computer Science Field Guide on Algorithms

https://www.csfieldguide.org.nz/en/chapters/algorithms/

High score interactive

https://www.csfieldguide.org.nz/en/interactives/high-score-boxes/

