

Quiz Algorithms

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Human Quiz Algorithm

- Think of a question
- Think of the **right answer**
- Ask the question
- Collect in the **answer**
- Compare the **right answer** with the **answer** collected
- If the answers are the same (=) say correct and give a point
- If the answers are not the same say wrong and takeaway a point

Human Quiz Algorithm

- Think of a question
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Computer Quiz Algorithm

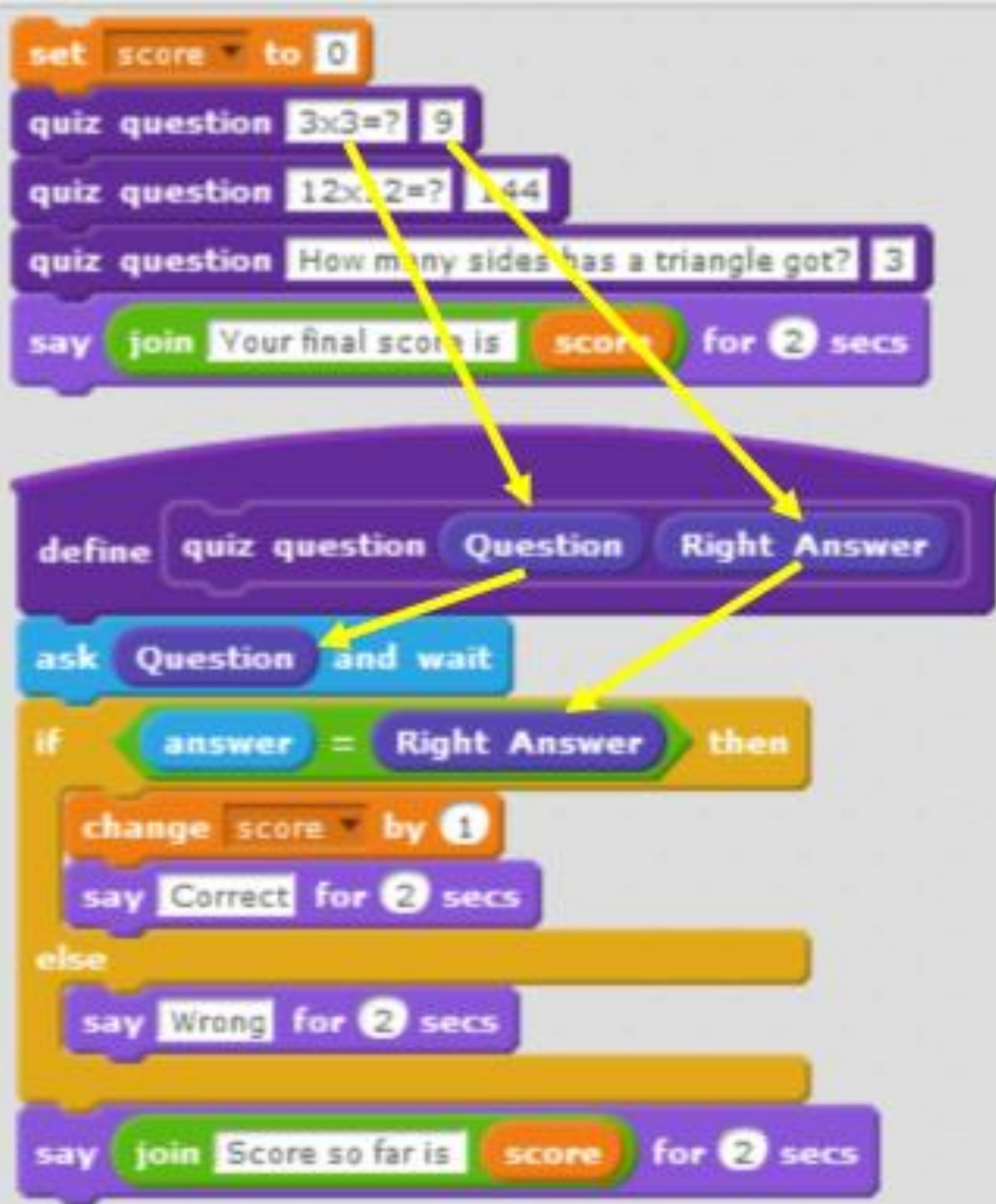
- Create a variable called **score**
- Use a variable called **answer**
- Ask the user a question
- Store their answer in **answer** variable
- If their answer stored in the **answer** variable is = to the right answer say correct and increase **score** variable by 1
- Else their answer stored in the **answer** variable is not = to the right answer say wrong and decrease **score** variable by 1

PROCEDURE Quiz Question

- Create a variable called **score**
- Use a variable called **answer**
- Ask the user a **quiz question**
- Store their answer in **answer** variable
- If their answer stored in the **answer** variable is = to the **right answer** say correct and increase **score** variable by 1
- Else their answer stored in the **answer** variable is not = to the **right answer** say wrong and decrease **score** variable by 1

RUN Quiz Question

Feed in **quiz question** and **right answer** into the procedure.



The **question** and the **right answer** from the first question will be fed into the procedure.

Then the **question** and **right answer** from the second quiz question

Finally the **question** and **right answer** from the third quiz question.

More questions are easy to add.