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
- 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

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.