Quiz App Snap Solutions

```
when [🏳] clicked
set quiz▾ to
    list
        quiz item, question: How many hours in a day?      answer: 24
        quiz item, question: How many weeks in a year?     answer: 52
        quiz item, question: How many minutes in an hour?  answer: 60
        quiz item, question: How many days in a year?      answer: 365
        quiz item, question: How many seconds in a minute? answer: 60  ◀▶
set score▾ to 0
for each (item) in (quiz)
    ask (question from quiz (item)) and wait
    if (answer) = (answer from quiz (item))
        say Correct for 1 secs
        set score▾ to (score + 1)
    else
        say Incorrect for 1 secs
say (join Your score is (score) ◀▶)
```

quiz_basic

```
when [flag] clicked
set [quiz] to
    list
        quiz item, question: [How many hours in a day?]  answer: [24]
        quiz item, question: [How many weeks in a year?]  answer: [52]
        quiz item, question: [How many minutes in an hour?]  answer: [60]
        quiz item, question: [How many days in a year?]  answer: [365]
        quiz item, question: [How many seconds in a minute?]  answer: [60]
set [question_number] to [1]
set [score] to [0]
for each (item) in (quiz)
    ask (join [Question] (question_number) [:] (question from quiz (item))) and wait
    if < (answer) = (answer from quiz (item)) >
        say [Correct] for [1] secs
        set [score] to ((score) + ([100] / (length of (quiz))))
    else
        say (join [Incorrect, the correct answer is] (answer from quiz (item))) for [2] secs
    set [question_number] to ((question_number) + [1])
say (join [Your score is] (score))
```

quiz_standard

```
when [flag] clicked
set [quiz v] to
    list ( quiz item, question: [How many hours in a day?] answer: [24]
           quiz item, question: [How many weeks in a year?] answer: [52]
           quiz item, question: [How many minutes in an hour?] answer: [60]
           quiz item, question: [How many days in a year?] answer: [365]
           quiz item, question: [How many seconds in a minute?] answer: [60] )
script variables ( score )
set [question_number v] to [1]
set [score v] to [0]
for each ( item ) in ( quiz )
    ask ( join [Question] ( question_number ) [:] ( question from quiz ( item ) ) ) and wait
    repeat ( 2 )
        if < not < ( answer ) = ( answer from quiz ( item ) ) >
            say [Incorrect] for ( 1 ) secs
            ask ( join [Question] ( question_number ) [:] ( question from quiz ( item ) ) ) and wait
    if < not < ( answer ) = ( answer from quiz ( item ) ) >
        say ( join [Incorrect for 3rd time!] [The correct answer is] ( answer from quiz ( item ) ) ) for ( 2 ) secs
    if < ( answer ) = ( answer from quiz ( item ) ) >
        say [Correct] for ( 1 ) secs
        set [score v] to ( ( score ) + ( ( 100 ) / ( length v of ( quiz ) ) ) )
    set [question_number v] to ( ( question_number ) + ( 1 ) )
say ( join [Your score is] ( score ) )
```

quiz_advanced

```
when [flag] clicked
set quiz to
  list
    quiz item, question: How many hours in a day? answer: 24 acceptable
    responses: list 24 twenty-four ◄►
    quiz item, question: How many weeks in a year? answer: 52 acceptable
    responses: list 52 fifty-two ◄►
    quiz item, question: How many minutes in an hour? answer: 60 acceptable
    responses: list 60 sixty ◄►
    quiz item, question: How many days in a year? answer: 365 acceptable
    responses: list 365 three-hundred-sixty-five ◄►
    quiz item, question: How many seconds in a minute? answer: 60 acceptable
    responses: list 60 sixty ◄►   ◄►
set question_number to 1
set score to 0
for each (item) in (quiz)
  ask join Question: (question_number) : question from quiz (item) ◄► and wait
  repeat 2
    if
      not < acceptable responses from quiz (item) contains (answer) or
            answer from quiz (item) = (answer) >
      say Incorrect for 1 secs
      ask join Question: (question_number) : question from quiz (item) ◄► and wait
  if
    not < acceptable responses from quiz (item) contains (answer) or
          answer from quiz (item) = (answer) >
    say
      join Incorrect for 3rd time! The correct answer is answer from quiz (item) ◄► for
      2 secs
  if < acceptable responses from quiz (item) contains (answer) or
       answer from quiz (item) = (answer) >
    say Correct for 1 secs
    set score to (score + (100 / length of quiz)) ►
  set question_number to (question_number + 1) ►
say join Your score is (score) ◄►
```

quiz_challenge.