

Multiplication quiz: a game to practice “while” loop - Solution

```
# Multiplication quiz

multiplication.quiz <- function ()
{
  response_wrong <- TRUE

  while (response_wrong)
  {
    first <- sample (1:9, 1)
    second <- sample (1:9, 1)
    question <- paste ('How much is ', first, '*', second, '? ', sep = '')
    response <- readline (question)
    if (as.numeric (response) == first*second)
    {
      print ('Congratulations, correct answer!')
      response_wrong <- FALSE
    } else {
      print (paste ('Sorry, wrong answer, correct is ', first*second, '. You have another try.', sep = ''))
    }
  }
}
```