

## Java Assignment 6c – YearOneMathTutor

Create a new Java project with a class called YearOneMathTutor

*Object:*

You work for an infant school called Saint David's. They would like you to a Maths Tutor program where students do simple addition sums. The computer must generate two random numbers between 1 and 20. Students must then be asked to add them together. The program should congratulate them if they get it right and tell them "better luck next time" if they don't. It must ask them a total of 3 questions.

Upload the completed java code to Edmodo when done (in either .txt /.docx/.odt format)

*Example output 1 (input in italic):*

**Welcome to Math Tutor**

**4 + 5 = 3**

**:- ( Better luck next time.**

**10 + 3 = 13**

**:-) Well done!**

**20 + 1 = 21**

**:-) Well done!**

Extension: Adapt your program so that it tells the student how many answer they got correct in the end. It should also display the right answer if the student answered wrongly.

*Example extension output:*

**Welcome to Math Tutor**

**14 + 7 = 21**

**:-) Well done!**

**9 + 1 = 3**

**:- ( Better luck next time - the right answer is 10.**

**2 + 5 = 7**

**:-) Well done!**

**You got 2 out of 3 questions right.**