# AC21009 Assignment 4 – The Manchester Baby Report

**Group:** 11

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**Word Count:**

**Compile Command:** g++ \*.cpp -Wall -Wextra -Werror -o manchesterBaby

**Run Command:** ./manchesterBaby

## How we approached the assignment

Firstly, we talked on a Microsoft Teams chat and agreed as a group to research and have a full understanding of the tasks required before we met. During the initial call we discussed how we would manage the code; we decided on using GitHub to host our code. We then split our group into two, one half would work on the Manchester itself and the other half would work on the assembler.

For the Manchester baby we split things down into a few main categories: data structures, reading in the machine code, incrementing the control instruction register, fetching the program instructions, decoding the program instruction and executing the instruction. The aim was to try and split these tasks up as evenly as possible based on the time it would take to implement them and difficulty. This was achieved as well as we possibly could.

## Problems that we faced

## The solutions that you have created