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**Project Report**

**Calculator**

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This project was incredible experience working on. From the beginning, we knew this project was going to be a challenge, but we wanted to do it anyways. The idea initially came from Dario because he was interested in creating a calculator. The rest also had different ideas like creating games, but at the end we decided on doing the calculator. We started meeting regularly at the Marston library to talk about the points and things we needed to know to start working on the calculator. Every time we met, we learned different things because none of us had never created a calculator before, so it was very interesting to learn about stacks and queues. Of course, when talking about different ideas and knowledge with your group, there are always contradictions, but generally we tried to overcome it. At some point, we figured out that we always came with good ideas after a good and long discussion. The different knowledge and collaboration from everybody helped our program to grow, and at the same time, it helped to be a more reliable program. When working on this project, another thing that we learned is that communication is an important tool because it helped us to stop mistakes from becoming failures. We used a very reliable application called Github to manage our source code, and at the same time give access to the rest of the group members to have a better communication. We believe that our goals were met with this project because we could accomplish creating a calculator with the functions we wanted to have.

This project although is a very common application, it is always useful to have a calculator that can calculate the main things. For the future, we have talked to go a little further with this project after classes end. We would like to review our code, and make it a more stable code. Also, we have thought in creating an actual application for the phone with the implementation of our c++ code. This would be something that will take time to develop and transform it to a real application, but every thing is possible. Moreover, our code will need to improve in different aspects because anything is perfect, and there are always things to work on. Basically, we would like our program to be perfect.

GitHub link:

<https://github.com/yotoo2920/Expression_Evaluator.git>