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INST 346

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Team Project Prototype Sprint \_ Proposal

**The Title of Project**

Advanced LMC program

**Which of the 3 options you are tackling**

Option 1 - Using the Lab 03

**What is your topic?**

* We are planning on recreating LAB03 : Data and Instruction. Using LAB3, we learned how LMC works. We also understood the nine instructions. We decided to make a more difficult program using this information.

Topic : Find the triangle number  -  Write a program that uses the LMC program to find triangle numbers.

**What will you do to meet the project's requirements?**

* We will try to follow the team project instructions and try to have all the requirements for a good lab recreation. We will also try to meet up wherever possible to work on the project and give each other feedback.
* Basically, we need to know what a triangle number is. The number of points constituting an equilateral triangle shape is called triangle numbers.
* We also need to fully understand the nine commands and understand how they work.

**What are your stretch goals to exceed the project requirements?**

* To exceed the project requirements, we will create and attach a flowchart that includes this process.

**Who is doing what?**

* Instead of splitting work, we think that working together is a better way since we can have input in all parts of our project. Also, it makes it easier for us to make a lab that is coherent. We are working together and recreating the lab section by section.

**How will you make yourselves accountable?**

* We will meet regularly to discuss what we should add or modify at the moment. Also, if we face a difficult part, we will ask the professor to solve the problem. We will also create and implement short-term and long-term goals.