Physics Projects

Team: TechnoPhysics



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# **1. TEAM MEMBERS**

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# **2. TOPIC**

The topic of the project was to create a game or a program related to physics. We had a month to do the following activities: form our teams, discuss the topic, come up with an idea and realize it.

# **3. OUR PROGRAM**

The program we created will be started by picking “Yes” or “No”. If you pick “No”, the program will close. By picking “Yes” the program will be started.

Then the menu will be displayed the order of the topics which the topics will be displayed after that.

The main part of the project begins with the first topic. Definitions, formulas, sample task are included in all topics. At the end of each topic there is a question to the user whether wants to exercise knowledge of the current topic (option yes or no). If the user wants to do so, the user has to answer questions. Otherwise, a question will be asked whether he wants to continue with the project (yes or no option). If the user doesn’t want to continue, the program breaks, but if the user wants to continue, the program moves on to the next topic, which is structured in the same way as the previous one.

# **4. SUMMARY**

## **4.1. STAGES OF REALIZATION**

We started our project by clarifying the main purpose of it. This was followed by choosing a name for our team and assigning roles for everybody.

We selected the needed information and came up with some initial ideas. Then we decided which one was the best of them. After that, we started working on the project.

## **4.2. LEVEL OF COMPLEXITY**

Team work can be very hard sometimes. Starting with scheduling a perfect time for everybody to begin working on the project. This was probably the hardest part.

In addition to that, working in a team can be very stressful. You should listen to everyone’s ideas and opinion before deciding anything.

Lack of time can be a problem too but in the end, we managed to work it out.

## **4.3. CONCLUSION**

Our program has a learning purpose. It visually demonstrates a few major topics in a branch of physics called “Mechanics”.

In conclusion, this project helped us improve our skills in working as a team. We learnt how to stay calm and patient even throughout the hard times. It also brought us closer together.