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**Introduction**

**What is Programming?**

Programming is the process of performing a particular computation, usually by designing and building an executable computer program. Programming involves tasks such as analysis, generating algorithms, algorithms' accuracy, etc.

Programming can be written using varies programming languages. Some popular programming languages are:

* Java
* Javascript
* Python
* PHP
* C#
* C
* C++
* SQL
* HTML
* CSS

Logo, company name

Description automatically generatedLogo

Description automatically generated

**Program used in this Project**

The program used to code this project was BlueJ. BlueJ is an integrated development environment for the Java programming language, developed mainly for educational purposes, but also suitable for small-scale software development. It runs with the help of Java Development Kit (Java JDK).

A close-up of a stethoscope

Description automatically generated with medium confidence

**Problem**

**Problem Definition**

The program that I developed is a space game about a space traveler who has a mission. His mission is to make it and land on Europa (Jupiter’s Moon). But he first has to travel from Earth to Mars and from there he has to travel across 100 asteroids, meanwhile he has several random chances of being teleported by wormholes to the Sun, an unknown area of the universe, or get hit by a meteoroid. If so, he’ll have to get back to Earth to repair his ship. At the end of the day his mission is to make it to Europa in one piece!



**Problem Solution**

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