Why I choose Programming:

The reasons I choose Programming as a career are:

- It can provide many job opportunities.
- One is not required to have a degree to become a programmer.
- The average salary is $21/hour.
- Anyone can do it.
- It looks good on your resume.
What is Programming?

- **Programming** is the act of putting code into a computer to make it perform tasks.
- **Coding languages** are means of communication between you and the computer.
- Multiple lines of code from these languages are like a list of tasks on the computer which are usually called a program.
How might a programmer create a program?

A programmer might follow these steps to create a program:

- Come up with the idea or what you want to accomplish.
- Brainstorm how you might build the program and what code you might use.
How might a programmer create a program?

- Write the program in one of the programming languages.
- Compile the program
- Test and debug the program until the program works properly.
Different languages:

There are many different coding languages that you and your computer can communicate through. Some of these might include:

- HTML
- CSS
- Python
- JavaScript
- C
Skills required:

Some skills that are required to program are:

- Knowledge of a coding language.
- Have an understanding in math such as algebra and arithmetic.
- Good communication skills
- Good writing skills
- Good organizational skills
Salary:

The average salary of a programmer is $23 per hour, although different types of programmers will make a different amounts of money. For example:

Software Engineer - $34.99 an hour.

App Developer - $30.21 an hour.
Salary:

Web Developer - $20.62 an hour.
AI Developer - $25.75 an hour.
Mobile App Developer - $22.49 an hour.
How it can be considered a Scientific field:

Coding is Science because:

- You can use the Scientific Method to help you with programming.
- While coding one is testing theories and experimenting to create new programs.
How it can be considered a *Scientific field*:

- You are interfacing with low level equipment in order to figure out how to make the equipment perform certain tasks.
- It involves the pursuit of knowledge and the use of fundamental laws to accomplish a task like those in most other scientific fields.
What I have learned about coding:

I have learned:

- What knowledge is required to become a coder
- How there are many different coding languages
- How knowing a coding language can help in millions of different jobs
- That it can help with daily tasks.