1. **Can you describe your troubleshooting process?**

First, I identify the problem. If the terminal is showing an error, I like to read about this error and identify the root of the problem.

Second, I analyze the problem and I create a solution for this problem, and which impacts this solution will have in my application.

Third, I implement the solution and finally I test the solution.

Fourth, I document the findings.

1. **What programming languages do you have experience with?**

I have experience with HTML, JavaScript, SQL, Java, Angular, C – sharp, But I also know the basics of phyton, Kloten and C++

1. **What is a pointer**  
     
   A pointer is **a variable that stores the memory address of another variable as its value. Normally it is u**sed in arrays, functions to improve the performance of code
2. **What is a null pointer**null pointer is **a value saved for indicating that the pointer or reference does not refer to a valid object**
3. **What are structures**  
   Structures are a way to organize and store a collection of related data items under a single name. For example, a structure can be used to represent a student record, which might contain members such as name, age, ID, and GPA.
4. **What is an object**  
     
   The object is an instance of a class, which is a blueprint or template for creating objects.
5. **What are classes**  
   In object-oriented programming, a class is an extensible program-code-template for creating objects, providing initial values for state and implementations of behavior.
6. **What is a sprint in project management**  
     
   A sprint is a short, time-boxed period when a scrum team works to complete a set amount of work.
7. **What is Boostrap**

Bootstrap **is web design and development framework created by developers at Twitter**. It is used to **create responsive web pages**, meaning that they can adapt to different screen sizes, from mobile devices to desktops. Bootstrap includes a collection of pre-written and pre-styled CSS, JavaScript, and HTML components that can be used to **quickly create page layouts**, typography, **forms, buttons, tables**, modals, carousels, menus, and other common user interface elements.

1. **What is React  
     
   React is JavaScript library for building user interfaces**. It was developed by Facebook and is widely used in web development to create reusable UI components and to manage the state of user interfaces.  
     
   React is a component-based library, which means that developers can create independent, reusable components that can be used across different parts of the application. These components can be easily manipulated and updated as the state of the application changes.  
     
   **Bootstrap can be used to quickly create a visually appealing UI, while React can be used to handle user interactions and to manage the dynamic behavior of the application.**

Four steps: **planning, execution, review, and retrospective  
  
  
GITHUB:** [Your Repositories (github.com)](https://github.com/Brunalsdd?tab=repositories)  
<https://github.com/Brunalsdd?tab=repositories>  
  
In this project we are building an web application for manage a school. Professor could post grades, nurses could see medical history, nurses and professor could send a message to parents and parents could see the grades and messages. In this project we used Angular, JavaScript, CSS, HTML and We were working on weekly sprints  
  
It was a survey web application. In this application the user could create, answer, and analysis answers. In this project we dived our application in Front end Back end and database. Front end we used Angular, bootstrap, JavaScript, CSS in the backend we use express.js and we also used MongoDB. Because this was a group project we used GitHub, and we also managed