**Task 2:**

**1. Why do you like to join as a Software developer?**

Answer: I want to become a software developer because I love creating things with code. The constant learning in this field excites me, and I'm eager to collaborate with experienced developers to grow my skills. Being part of a team and contributing to projects that have a real impact is something I find fulfilling.

**2.List top 3 software's / tools that inspire you. Why do these tools inspire you?**

Answer: 1) IntelliJ IDEA:

Inspiration: IntelliJ IDEA is an advanced Java integrated development environment (IDE) that stands out due to its powerful features and intelligent code assistance. It inspires me because it streamlines the development process, offering tools like code completion, navigation, and debugging, which significantly enhance productivity. The tool's focus on making Java development efficient and enjoyable aligns with my passion for the Java programming language.

2)Spring Framework:

Inspiration: Spring Framework is a comprehensive framework for Java development that inspires me because of its versatility and ability to simplify complex enterprise applications. It provides a well-organized, modular approach to building Java-based enterprise applications, making development more manageable and scalable. The elegant design and emphasis on best practices in Spring align with my passion for writing clean and maintainable Java code.

3) Git:

Inspiration: Git is a distributed version control system that plays a crucial role in collaborative software development. It inspires me because of its effectiveness in managing and tracking changes in code, enabling seamless collaboration among developers. The ability to work on projects concurrently, track changes, and easily revert to previous versions aligns with my belief in the importance of version control for maintaining code integrity and fostering teamwork in Java development.

**3. List top 3 organization’s you like to join in your career & why you like these organizations.**

Answer: 1) A Promising Startup:

Why I like it: Joining a startup offers a unique opportunity for learning and growth. Startups typically provide a dynamic and fast-paced environment where employees wear multiple hats, allowing for exposure to various aspects of software development. I am excited about the prospect of contributing to a startup's success from its early stages, learning from the challenges, and actively participating in the company's growth. The startup environment fosters creativity, adaptability, and a strong sense of ownership, which are qualities I value in my career journey.

2) Oracle:

Why I like it: Oracle is a major player in the software industry, and its significant influence on Java development is appealing. I am drawn to Oracle because of its deep involvement in Java's evolution and its commitment to the Java community. Working for Oracle would provide a unique chance to contribute to the development of Java itself, and the company's focus on enterprise solutions aligns with my interest in building robust and scalable software.

3) Google:

Why I like it: Google is synonymous with innovation, and I am inspired by its commitment to pushing technological boundaries. The company's culture of continuous learning, emphasis on creativity, and diverse range of projects align with my passion for staying at the forefront of technology. Joining Google would offer an exciting opportunity to work on cutting-edge solutions and be part of a global impact.

**4. How you position yourself in this industry after 2 years.**

Answer: In two years, I aim to be a highly proficient Java developer known for successfully contributing to diverse projects. I aspire to be recognized for my problem-solving skills, adaptability to new technologies, and effective collaboration within teams. I plan to actively share my knowledge, contribute to the tech community, and build a strong professional network. Overall, I see myself as a well-rounded and experienced developer making meaningful contributions to the industry.

**5. List 3 projects / products you have built or have planned to build in the upcoming year, also explain your role in the same.**

Answer: As of now, I'm a fresher and haven't yet had the opportunity to work on projects in a professional setting. However, I'm excited about potential projects I could undertake in the upcoming year to enhance my skills. Here are three hypothetical project ideas:

1) Personal Portfolio Website:

Description: Develop a personal portfolio website to showcase my skills, projects, and achievements. Include a blog section for sharing insights and experiences in the tech industry.

Role: As the sole developer, my responsibilities would involve designing the website, implementing responsive web design, and integrating it with backend technologies if necessary. I'd also curate content and ensure a seamless user experience.

2) Task Management Application:

Description: Create a task management application to help users organize and prioritize their tasks. Include features such as task creation, due dates, reminders, and progress tracking.

Role: As the lead developer, I would be responsible for designing the application architecture, implementing core functionalities using Java, and ensuring a user-friendly interface. Collaboration with a small team might be necessary for testing and feedback.

3) E-commerce Website Prototype:

Description: Develop a prototype for an e-commerce website, focusing on essential features like product listings, user authentication, and a shopping cart system.

Role: Working in a team, my responsibilities would include contributing to the backend development using Java, designing APIs for data retrieval, and collaborating with frontend developers to integrate backend functionalities. I'd also participate in testing and refining the prototype based on user feedback.

These projects aim to not only enhance my technical skills but also showcase my ability to deliver practical solutions. As a fresher, I'm eager to gain hands-on experience and contribute to projects that demonstrate my proficiency in Java development.