**What Is software Engineering?**

Software Engineering is the process of designing,testing,maintaining and developing software systems, it involves applying software principles and techniqnues to create softwares that is efficent and meets users needs.

Software Engineers use programming languages,tools and and methodologies to design and build software applications,systems and tools.

Their work include:

1. Requirements gathering and analysis.
2. Design and architecture
3. Coding and implementation
4. Testing and debugging
5. Deployment and maintenance

Software Engineering is a key field in the tech industry, and software engineers play a crucial role in developing innovative software solutions.