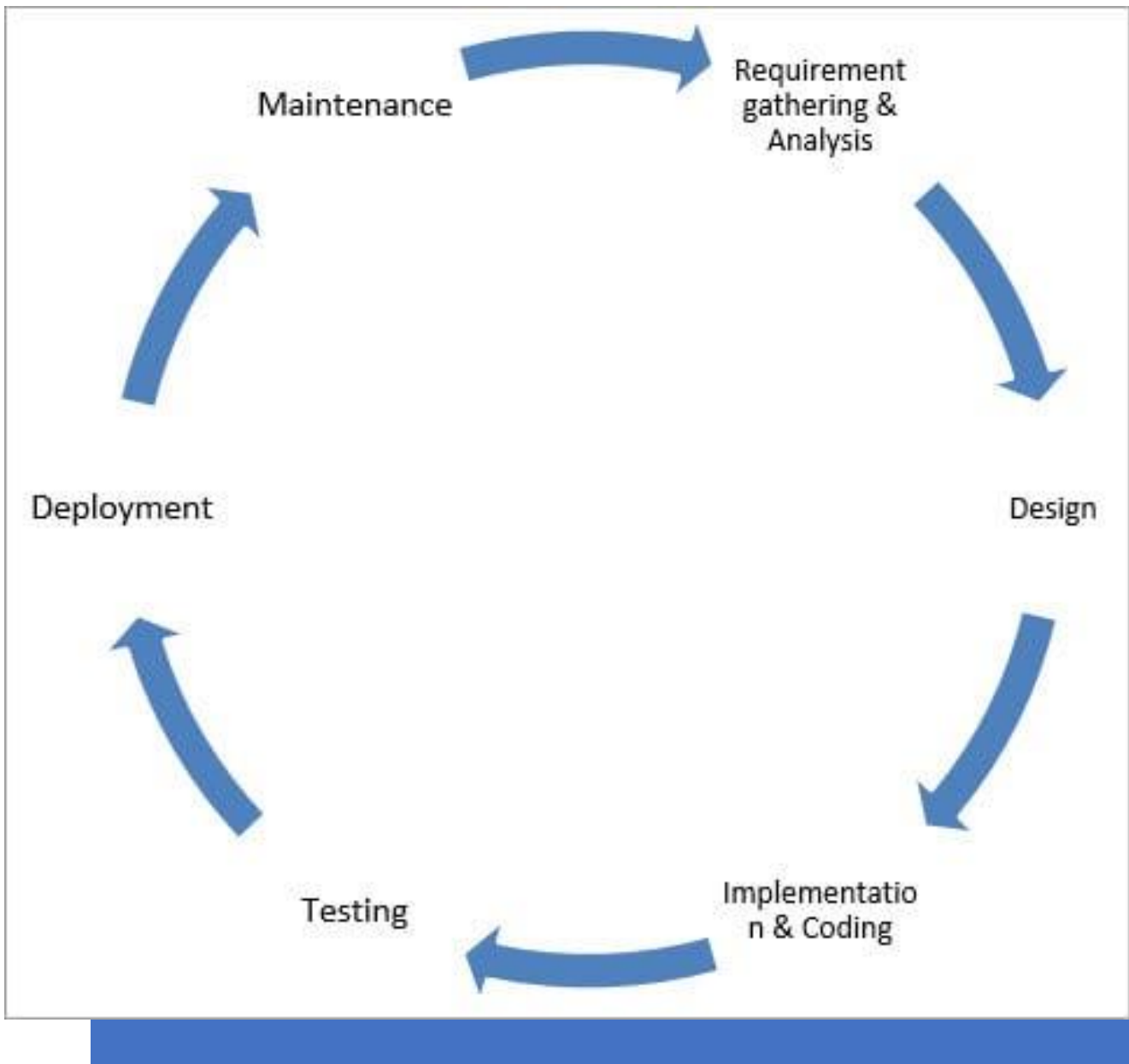


DAY 2:

ASSIGNMENT 1:

Q) SDLC OVERVIEW - CREATE A ONE-PAGE INFOGRAPHIC THAT OUTLINES THE SDLC PHASES (REQUIREMENTS, DESIGN, IMPLEMENTATION, TESTING, DEPLOYMENT), HIGHLIGHTING THE IMPORTANCE OF EACH PHASE AND HOW THEY INTERCONNECT.



1. ***Requirements Phase***: This phase involves gathering and documenting the requirements for the software product. It's crucial because it sets the foundation for what needs to be built and ensures alignment between stakeholders and development teams.

2. ***Design Phase***: In this phase, the software architecture and design are created based on the gathered requirements. It's important for ensuring that the system is scalable, maintainable, and meets the functional and non-functional requirements.

3. ***Implementation Phase***: This phase involves actual coding and development of the software. Developers write code based on the design specifications. It's essential for turning the design into a functional product.

4. ***Testing Phase***: Here, the software is rigorously tested to identify and fix any defects or bugs. Different types of testing, such as unit testing, integration testing, and system testing, are conducted to ensure the quality and reliability of the software.

5. ***Deployment Phase***: This phase involves releasing the software to production and making it available to users. It's crucial for ensuring that the software is successfully installed and configured in the production environment.