1. What is microservices?

   Microservices are an architectural approach to building applications. They are distributed and loosely coupled, so one team's changes will not break the entire app. The benefit to using microservices is that development teams can rapidly build new components of apps to meet changing business needs.

2. Challenges with monolithic oriented architecture

   1. Scalability is an issue
   2. More time is required for shipping changes and features
   3. When active users increase, poor uptime
   4. Overall instability and poor release cycle for large projects
   5. Continuous integration cannot be well implemented

3. Any three advantage and disadvantage of microservices

   Advantages:

   1. Using microservices, there are faster development cycles, easier deployment and debugging
   2. Better fault tolerance because of isolation of services
   3. Using microservices also provides better scalability

   Disadvantages:

   1. Using microservices, one need more collaboration
   2. Harder to test and monitor because of the complexity of the architecture
   3. Harder to maintain the network and has security issues