DevOps in-class Assignment

Upon referring the above links, please explain the following from your understanding: (send me in word doc)

1.What is a monolithic Application?

A monolithic application is a traditional type of modal, they’re a smaller application, usually just sign in and sign out, but are usually complex that has several tightly coupled services with one codebase. So, if one of the services/functionally of the website fails, all else fails.

2.What is a microservice?

A microservice is an organizational approach of instead of having services on the same host; services meaning as in entities like inventory, accounts, etc. But you run these services independently which makes it loosely coupled, each having their own virtual machine or containers that communicate via APIs.

3. What is a macroservice? (You can use internet for this)

A macroservice is pretty much in between monolith and microservices. A macroservice has the same benefits as a microservice and avoids monolithic application’s shortfalls, but it is more similar to a monolithic application. The UI is the only microservice/independent and all other functionalities/services are separated as modules.

4. Give atleast one example for each service. (company names for reference)

Monolithic

* New York Times

Microservice

* Amazon
* Netflix

Macroservices

* Uber