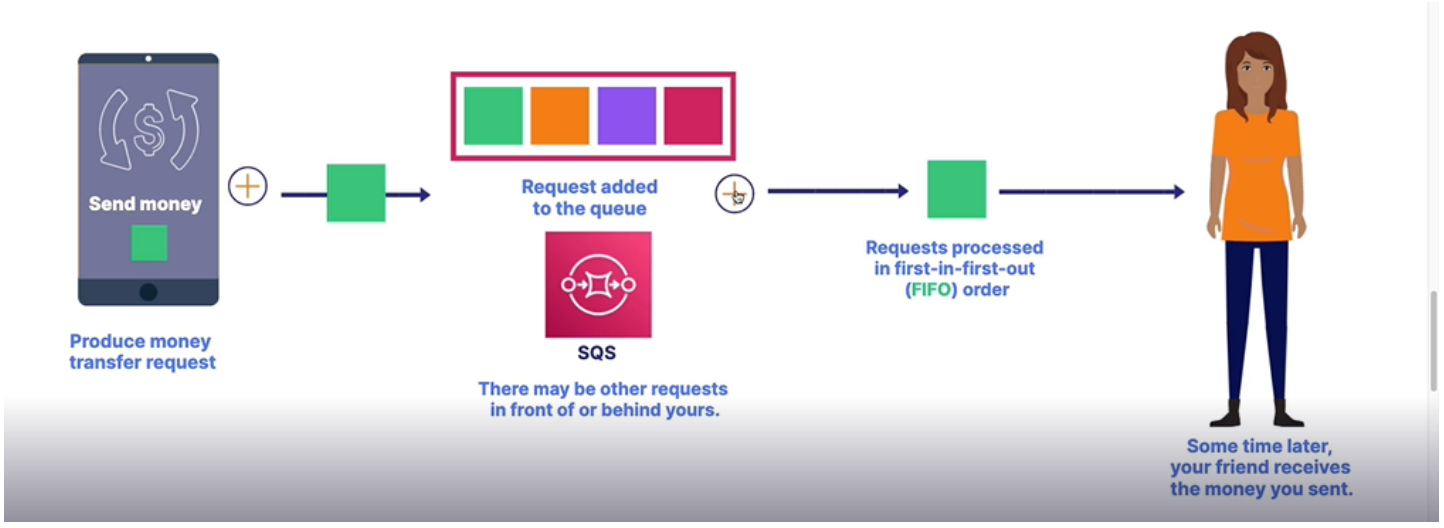
Utilizing Messaging and Integration Services: SQS

Questions	Notes
loos coupling	• Coupling defines the interdependencies or connections between componenets of a system.Loose coupling helps reduce the risk of cascading failures between compenents • Monolithic application use Tight Coupling • Microservices applications use Loose coupling
Simple Queue Service(SQS)	• Allows componenet-to-componenet communication using messages • Multiple componenets (or producers) can add messages to the queue • Messages are processed in an asynchronous manner
SQS In the real world	• Build money transfer application that performs well under heavy load: • SQS lets you build an app that is loosely coupled , allowing componenets to send , store and receive messages . The use of a messaging queue helps to improve performance and scalability
Example	

Résumé

- Messages in queues are processed in FIFO order
- Message Queues support loose coupling