Differentiate Between Symmetric and Asymmetric encryption

Symmetric encryption is a one key encrypts and decrypts system. It uses a single secret key that needs to be shared among the people who are to receive the message. Asymmetric encryption is one key encrypts a different key decrypts system. It uses a pair of public key, and a private key to encrypt and decrypt messages when communicating. Symmetric encryption is an old technique while asymmetric encryption is a new technique. Asymmetric encryption was introduced to complement the inherent problem of the need to share the key in symmetric encryption model, this eliminated the need to share the key by using a pair of public-private keys.