**What is the difference between abstraction and encapsulation?**

Abstraction and Encapsulation are the main concepts of OOP (Object Oriented Programming). However, there are some differences between them.

Encapsulation is a process that wrapping data under a single unit. It is like a protective shield that protect the data for being visited by a code that is outside the shield. To access the variables or data of the class, it must be only through allowed members or functions only. Encapsulation can be achieved by Declaring all the variables in the class as private and writing public methods in the class to set and get the values of variables.

Abstraction is a concept of hiding unnecessary data and show only important data. This concept will reduce complexity of the code and increase the readability.