Difference between struct and class?

1. We can inherit class, but can’t inherit struct.
2. Class is a reference type and it allocated in heap. Struct is a value type and allocated in the stack.
3. Copy the struct and making change the one will not affect the other, but coping the class we copy the reference and changing the one it will affect other.
4. In struct no default constructors are allowed, but class have default constructor.
5. In struct fields cannot be initialized in the body, they can be initialized only by using the constructor or after the struct is declared. In class we can initialize fields in body or using constructor or after creating the instance of that class.
6. Class can declare a destructor, struct can’t declare.

Difference between abstract class and interface?

1. Using Abstract we can’t achieve multiple inheritance but using an Interface we can achieve multiple inheritance.
2. We can’t declare a member field in an Interface.
3. We can’t use any access modifier i.e. public , private , protected , internal etc. because within an interface by default everything is public.
4. An Interface member can’t be defined using the keyword static, virtual, abstract or sealed,
5. We can’t create an object of an abstract class and can call the method of abstract class with the help of class name only,
6. Abstract class not only holds abstract methods, it may also hold other fields and methods with implementation.