

Distinguish, differentiate, compare and explain what is the difference between Class and Structure. Comparison and Differences.

Differences between Class and Structure

| S.No. | Class | Structure |
|-------|--|--|
| 1 | Class is group of common objects that share common properties and relationships. | Structure is a collection of different types of data type. |
| 2 | Class members are private by default. | Structure members are public by default. |
| 3 | Classes are reference type i.e. they are stored on heap. | Structure are value type i.e. they are stored on stack. |
| 4 | Class does require constructor. | Structure does not require constructor. |
| 5 | Class can be inherited. | Structure can not be inherited. |
| 6 | Class elements can be declared as protected. | Structure elements can not be declared as protected. |
| 7 | Class is better choice for complex data structure. | Structure should be used when you want to use a small data structure. |
| 8 | Classes are terminated i.e. GC does call finalize method for them. | Structure are not terminated i.e. GC does not call finalize method for them. |