**Lesson 9**

**Plan of the lesson**

* Embed configuration management functionality into a .NET Framework application. (Refer *System.Configuration* namespace)
  + *Configuration* class and *ConfigurationManager* class
  + *ConfigurationElement* class, *ConfigurationElementCollection* class, and *ConfigurationElementProperty* class
  + *ConfigurationSection* class, *ConfigurationSectionCollection* class, *ConfigurationSectionGroup* class and *ConfigurationSectionGroupCollection* class
  + Implement *ISettingsProviderService* interface
  + Implement *IApplicationSettingsProvider* interface
  + *ConfigurationValidatorBase* class
* Implement, install, and control a service. (Refer *System.ServiceProcess* namespace)
  + Inherit from *ServiceBase* class
  + *ServiceController* class and *ServiceControllerPermission* class
  + *ServiceInstaller* and *ServiceProcessInstaller* class
  + *SessionChangeDescription* structure and *SessionChangeReason* enumeration