abstraction

September 21, 2025

```
[20]: import abc
      class Course:
          #abstract
          @abc.abstractclassmethod
          def course_details(self):
              pass
          @abc.abstractclassmethod
          def course_assignment(self):
              pass
          @abc.abstractclassmethod
          def course_marks(self):
              pass
[12]: class Python(Course):
          def course_details(self):
              return "This is python course"
          def course_assignment(self):
              return "This assignment for python course"
[13]: class Java(Course):
          def course_details(self):
              return "This is Java course"
          def course_marks(self):
              return "This is Java course marks"
[17]: python = Python()
      java = Java()
```