

```

26 class Elective_course(Course):
27     super().__init__(course_code, course_name, credit_hours)
28     self.elective_type = elective_type
29
30
31     def __str__(self):
32         return super().__str__() + f"elective type:{self.elective_type}"
33
34 course1 = Course( course_code: "CS201", course_name: "Calculus", credit_hours: 2)
35 course2 = Corecourse( course_code: "CS301", course_name: "Introduction to computer science", credit_hours: 3, required_for_major: True)
36 course3 = Elective_course( course_code: "CS401", course_name: "Data Structures", credit_hours: 4, elective_type: "Technical")
37
38 print(course1)
39 print(course2)
40 print(course3)
41

```

Run Assignment Oops

```

C:\Users\hp\PycharmProjects\Python_d36_entri\.venv\Scripts\python.exe "C:\Users\hp\PycharmProjects\Python_d36_entri\Assignment Oops.py"
CS201 : Calculus (2 Credit hours)
CS301 : Introduction to computer science (3 Credit hours)Required_for_major:True
CS401 : Data Structures (4 Credit hours)elective type:Technical

Process finished with exit code 0

```

