

Assignment no. 02

Student Information System

Output-

1. Adding a new student.

```
--Database Is Connected--
.....
1.STUDENT MANAGEMENT
2.COURSE MANAGEMENT
3.ENROLLMENT MANAGEMENT
4.TEACHER MANAGEMENT
5.PAYMENT MANAGEMENT
6.STOP
Enter your choice:1
STUDENT MANAGEMENT
1.Add Student
2.Update Student Info
3.Display Student Info
4.Enroll Courses
5.Get Enroll Courses
6.Make Payment
7.Get Payment History
8.Stop
Enter choice:1
Student ID:21
First Name:Vishal
Last Name:Jha
Date of Birth (YYYY-MM-DD):2001-10-21
Email:vishal@mail.com
Phone Number:9876556789
--Database Is Connected--
Student added successfully
Connection Closed.
```

2. Display Students Information.

```
STUDENT MANAGEMENT
1.Add Student
2.Update Student Info
3.Display Student Info
4.Enroll Courses
5.Get Enroll Courses
6.Make Payment
7.Get Payment History
8.Stop
Enter choice:3
--Database Is Connected--
(1, 'Arjun', 'Rao', datetime.date(2000, 1, 15), 'arjun.rao@email.com', '9876543210')
(2, 'Deepika', 'Nair', datetime.date(2003, 3, 22), 'deepika.nair@email.com', '8765432109')
(3, 'Rajesh', 'Menon', datetime.date(2000, 5, 10), 'rajesh.menon@email.com', '7654321098')
(4, 'Aishwarya', 'Kumar', datetime.date(2000, 7, 8), 'aishwarya.kumar@email.com', '6543210987')
(5, 'Prasad', 'Sinha', datetime.date(2000, 9, 14), 'prasad.sinha@email.com', '6432109876')
(6, 'Anjali', 'Singh', datetime.date(2005, 11, 30), 'anjali.singh@email.com', '7321098765')
(7, 'Vijay', 'Mishra', datetime.date(2004, 2, 18), 'vijay.mishra@email.com', '8210987654')
(8, 'Shreya', 'Yadav', datetime.date(2002, 4, 25), 'shreya.yadav@email.com', '9109876543')
(9, 'Naveen', 'Reddy', datetime.date(2000, 6, 7), 'naveen.reddy@email.com', '9876543210')
(10, 'Arjun', 'Rajput', datetime.date(2000, 8, 3), 'arjun.rajput@email.com', '8765432109')
(11, 'Sneha', 'Kumar', datetime.date(2000, 10, 19), 'sneha.kumar@email.com', '7654321098')
(12, 'Rajat', 'Mehra', datetime.date(2003, 12, 5), 'rajat.mehra@email.com', '6543210987')
(13, 'Ananya', 'Shukla', datetime.date(2001, 1, 28), 'ananya.shukla@email.com', '6543219876')
(14, 'Prateek', 'Gandhi', datetime.date(2001, 3, 4), 'prateek.gandhi@email.com', '6432109876')
(15, 'Divya', 'Rawat', datetime.date(2001, 5, 22), 'divya.rawat@email.com', '9321098765')
(16, 'Sandeep', 'Malhotra', datetime.date(2005, 7, 11), 'sandeep.malhotra@email.com', '6543320987')
(17, 'Nisha', 'Srivastava', datetime.date(2001, 9, 26), 'nisha.srivastava@email.com', '7654321998')
(18, 'Ravi', 'Choudhary', datetime.date(2001, 11, 2), 'ravi.choudhary@email.com', '1098765432')
(19, 'Simran', 'Biswas', datetime.date(2002, 12, 18), 'simran.biswas@email.com', '9876543210')
(20, 'Priya', 'Gupta', datetime.date(2003, 6, 22), 'priya.gupta@email.com', '8765322109')
(21, 'Vishal', 'Jha', datetime.date(2001, 10, 21), 'vishal@mail.com', '9876556789')
Connection Closed.
```

3. Update Student Information.

```
STUDENT MANAGEMENT
1.Add Student
2.Update Student Info
3.Display Student Info
4.Enroll Courses
5.Get Enroll Courses
6.Make Payment
7.Get Payment History
8.Stop
Enter choice:2
Enter Student_ID you want to update:21
--Database Is Connected--
First Name:Vishal
Last Name:Jha
Date of Birth (YYYY-MM-DD):2000-10-21
Email:vishal1@mail.com
Phone Number:9876006789
--Database Is Connected--
Connection Closed.
```

4. Add New Course.

```
PS C:\Users\Vishal Jha\Desktop\02. Student Information System> python
--Database Is Connected--
.....
1.STUDENT MANAGEMENT
2.COURSE MANAGEMENT
3.ENROLLMENT MANAGEMENT
4.TEACHER MANAGEMENT
5.PAYMENT MANAGEMENT
6.STOP
Enter your choice:2
COURSE MANAGEMENT
1.Add Course
2.Update Course Info
3.Display Course Info
4.Get Enrollments
5.Assign Teacher
6.Get Teacher
7.Stop
Enter choice:1
Course_ID16
Course_NameEnglish
credits3
Teacher_Id101
--Database Is Connected--
Connection Closed.
```

5. Display Course Information.

```
COURSE MANAGEMENT
1.Add Course
2.Update Course Info
3.Display Course Info
4.Get Enrollments
5.Assign Teacher
6.Get Teacher
7.Stop
Enter choice:3
--Database Is Connected--
(1, 'Mathematics', 3, 101)
(2, 'Physics', 4, 102)
(3, 'Computer Science', 5, 103)
(4, 'Biology', 3, 104)
(5, 'Chemistry', 4, 105)
(6, 'History', 3, 107)
(7, 'Literature', 3, 106)
(8, 'Economics', 4, 108)
(9, 'Psychology', 3, 109)
(10, 'Engineering', 5, 110)
(11, 'Political Science', 3, 111)
(12, 'Business Management', 4, 112)
(13, 'Fine Arts', 3, 113)
(14, 'Environmental Science', 4, 114)
(15, 'Information Technology', 5, 115)
(16, 'English', 3, 101)
Connection Closed.
```

6. Update Teacher Information.

```
PS C:\Users\Vishal Jha\Desktop\02. Student Information System> python p
--Database Is Connected--
.....
1.STUDENT MANAGEMENT
2.COURSE MANAGEMENT
3.ENROLLMENT MANAGEMENT
4.TEACHER MANAGEMENT
5.PAYMENT MANAGEMENT
6.STOP
Enter your choice:4
TEACHER MANAGEMENT
1.Add Teacher
2.Update Teacher Info
3.Display Teacher Info
4.Get Assigned Courses
5.Assign Teacher to Course
6.Stop
Enter choice:2
Enter Teacher ID you want to update:115
Enter First Name:Vishal
Last Name:Jha
Email:vishal@mail.com
--Database Is Connected--
Updated successfully
Connection Closed.
```

7. Display teacher information.

```
PS C:\Users\Vishal Jha\Desktop\02. Student Information System> python -t
--Database Is Connected--
.....
1.STUDENT MANAGEMENT
2.COURSE MANAGEMENT
3.ENROLLMENT MANAGEMENT
4.TEACHER MANAGEMENT
5.PAYMENT MANAGEMENT
6.STOP
Enter your choice:4
TEACHER MANAGEMENT
1.Add Teacher
2.Update Teacher Info
3.Display Teacher Info
4.Get Assigned Courses
5.Assign Teacher to Course
6.Stop
Enter choice:3
--Database Is Connected--
Teacher Info:
(101, 'Surya', 'Naidu', 'surya.naidu@email.com')
(102, 'Priyanka', 'Reddy', 'priyanka.reddy@email.com')
(103, 'Rajendra', 'Varma', 'rajendra.varma@email.com')
(104, 'Meenakshi', 'Kumar', 'meenakshi.kumar@email.com')
(105, 'Venkatesh', 'Rao', 'venkatesh.rao@email.com')
(106, 'Divya', 'Singh', 'divya.s@email.com')
(107, 'Ravi', 'Mehra', 'ravi.mehra@email.com')
(108, 'Anusha', 'Yadav', 'anusha.yadav@email.com')
(109, 'Krishna', 'Verma', 'krishna.verma@email.com')
(110, 'Aruna', 'Kumar', 'aruna.kumar@email.com')
(111, 'Srinivas', 'Rajput', 'srinivas.rajput@email.com')
(112, 'Radha', 'Shukla', 'radha.shukla@email.com')
(113, 'Prakash', 'Gandhi', 'prakash.gandhi@email.com')
(114, 'Vijaya', 'Rawat', 'vijaya.rawat@email.com')
(115, 'Vishal', 'Jha', 'vishal@mail.com')
Connection Closed.
```

8. Students Enrolled Information.

```
PS C:\Users\Vishal Jha\Desktop\02. Student Information System> python -u
--Database Is Connected--
.....
1.STUDENT MANAGEMENT
2.COURSE MANAGEMENT
3.ENROLLMENT MANAGEMENT
4.TEACHER MANAGEMENT
5.PAYMENT MANAGEMENT
6.STOP
Enter your choice:3
ENROLLMENT MANAGEMENT
1.Get Student
2.Get Course
3.Enroll Student In Course
4.Stop
Enter choice:1
--Database Is Connected--
Students enrolled:
(10, 1)
(5, 2)
(11, 3)
(18, 4)
(2, 5)
(17, 6)
(1, 7)
(15, 8)
(4, 9)
(7, 10)
(16, 11)
(9, 12)
(19, 13)
(3, 14)
(14, 15)
(12, 16)
(20, 17)
(8, 18)
(13, 19)
(6, 20)
Connection Closed.
```

9. Student Enrolled in Course Information.

```
1.STUDENT MANAGEMENT
2.COURSE MANAGEMENT
3.ENROLLMENT MANAGEMENT
4.TEACHER MANAGEMENT
5.PAYMENT MANAGEMENT
6.STOP
Enter your choice:3
ENROLLMENT MANAGEMENT
1.Get Student
2.Get Course
3.Enroll Student In Course
4.Stop
Enter choice:2
--Database Is Connected--
Courses Enrolled:
(13, 1)
(5, 2)
(20, 2)
(6, 3)
(18, 3)
(14, 4)
(9, 5)
(19, 5)
(4, 6)
(17, 6)
(10, 7)
(3, 8)
(16, 8)
(11, 9)
(8, 10)
(2, 11)
(7, 12)
(12, 13)
(1, 14)
(15, 15)
Connection Closed.
1. STUDENT MANAGEMENT
```

10. List of Students Who made Payments.

```
PS C:\Users\Vishal Jha\Desktop\02. Student Information System> python -u "c:
--Database Is Connected--
.....
1.STUDENT MANAGEMENT
2.COURSE MANAGEMENT
3.ENROLLMENT MANAGEMENT
4.TEACHER MANAGEMENT
5.PAYMENT MANAGEMENT
6.STOP
Enter your choice:5
PAYMENT MANAGEMENT
1.Add Payment
2.Get Student
3.Get Payment Amount
4.Get Payment Date
5.Stop
Enter choice:2
--Database Is Connected--
List of Students who made payments:
(1, 1)
(2, 2)
(3, 3)
(4, 4)
(5, 5)
(6, 6)
(7, 7)
(8, 8)
(9, 9)
(10, 10)
(11, 11)
(12, 12)
(13, 13)
(14, 14)
(15, 15)
(16, 16)
(17, 17)
(18, 18)
(19, 19)
(20, 20)
```