



```

1  // File Edit Selection View Go Run Terminal Help
2
3  using System;
4  using System.Collections.Generic;
5  using System.Linq;
6  using System.Text;
7  using System.Threading.Tasks;
8  using MySql.Data.MySqlClient;
9
10 namespace ConsoleApp1
11 {
12     class Program
13     {
14         static void Main(string[] args)
15         {
16             Console.WriteLine("Check Enrollment");
17             Console.WriteLine("Enter User ID (Student ID):");
18             string userId = Console.ReadLine();
19
20             Console.WriteLine("Enter Course ID (Course ID):");
21             string courseId = Console.ReadLine();
22
23             try
24             {
25                 // Connect to MySQL Database
26                 string connectionString = "server=localhost;user=root;password=;database=exam;";
27                 MySqlConnection conn = new MySqlConnection(connectionString);
28                 conn.Open();
29
30                 // SQL Query to Check Enrollment
31                 string sql = "SELECT * FROM enrollment WHERE user_id = @userId AND course_id = @course_id";
32                 MySqlCommand cmd = new MySqlCommand(sql, conn);
33                 cmd.Parameters.AddWithValue("@userId", userId);
34                 cmd.Parameters.AddWithValue("@course_id", courseId);
35
36                 // Execute the query
37                 MySqlDataReader reader = cmd.ExecuteReader();
38
39                 if (reader.HasRows)
40                 {
41                     Console.WriteLine("Enrollment Found.");
42                 }
43                 else
44                 {
45                     Console.WriteLine("Enrollment Not Found.");
46                 }
47             }
48             catch (Exception ex)
49             {
50                 Console.WriteLine("Error: " + ex.ToString());
51                 Console.WriteLine("Press any key to exit...");
52                 Console.ReadKey();
53             }
54             Console.WriteLine("Press any key to exit...");
55             Console.ReadKey();
56         }
57     }
58 }

```

4. Log Out

Log out, Goodbye.

PS C:\Users\Yash\OneDrive\Desktop\VS2024\exam\exam\src> dotnet run

-----Welcome to Course Management System-----

Please input user ID (Student ID):

1111

Please input password:

abc123

-----Dashboard-----

Msg: 1111, DateTime: 10/10/2023 11:20:10 AM

Please select an option to continue:

1. Check Enrollment
2. Add a Course [Add]
3. Drop a Course [Del]
4. Log Out
- 5.

Please input a selector in letter format, e.g: fall2022, spring2021

Fall2022

-----enrollment list-----

CourseID: 1105 CourseName: Computer Literacy Semester: Fall2022

CourseID: 4106 CourseName: Data Mining Patterns Semester: Fall2022

-----Dashboard-----

```

1  Console.WriteLine("Please input a semester in format, e.g: Fall2022, Spring2021");
2  string semester = Console.ReadLine();
3
4  try
5  {
6      Console.Clear();
7      string procedure = "CheckEnrollment";
8      MySqlCommand cmd = new MySqlCommand(procedure, conn);
9      cmd.CommandType = CommandType.StoredProcedure;
10     cmd.Parameters.AddWithValue("@Semester", semester);
11     cmd.Parameters.AddWithValue("@Direction", "ParameterDirection.Input");
12     cmd.Parameters.AddWithValue("@InputSemester", semester);
13     cmd.Parameters.AddWithValue("@OutputSemester", "ParameterDirection.Input");
14
15     MySqlCommandReader rdr = cmd.ExecuteReader();
16
17     DataTable tableEnrollment = new DataTable();
18     tableEnrollment.Load(rdr);
19     rdr.Close();
20     cmd.Close();
21     return tableEnrollment;
22 }
23 catch (Exception ex)
24 {
25     Console.WriteLine(ex.ToString());
26     cmd.Close();
27 }
28
29 Console.WriteLine(ex.ToString());
30 cmd.Close();
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

```

[illegible]