Practical 00

1. Add a break point.

```
           0 references
    20    □         public IActionResult ShowAllStudent()
    21    ●         {
    22                  var student = _studentRepository.GetAllStudents();
    23                  return Ok(student);
    24              }
    25              [HttpGet("ShowSingleStudent/{id}")]
           0 references
    26    □         public IActionResult ShowSingleStudent(int? id)
    27    ●         {
    28                  var student = _studentRepository.GetSingleStudent(id);
    29    □             if (student == null)
    30                  {
    31                      return StatusCode(404, "Sorry,record not found!!");
    32                  }
    33                  return Ok(student);
```
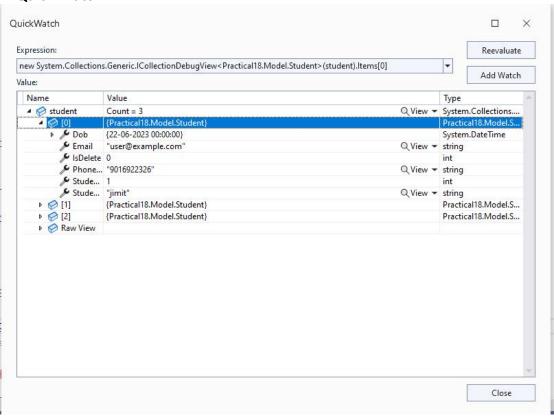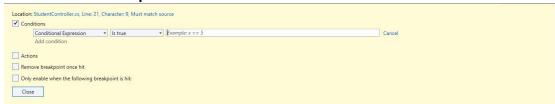
2. Quick watch.

QuickWatch

Expression:

new System.Collections.Generic.ICollectionDebugView<Practical18.Model.Student>(student).Items[0]

Reevaluate

Add Watch

Value:

Name	Value		Type
▲ ◇ student	Count = 3	Q View ▼	System.Collections....
▲ ◇ [0]	{Practical18.Model.Student}		Practical18.Model.S...
▷ 🔧 Dob	{22-06-2023 00:00:00}		System.DateTime
🔧 Email	"user@example.com"	Q View ▼	string
🔧 IsDelete	0		int
🔧 Phone...	"9016922326"	Q View ▼	string
🔧 Stude...	1		int
🔧 Stude...	"jimit"	Q View ▼	string
▷ ◇ [1]	{Practical18.Model.Student}		Practical18.Model.S...
▷ ◇ [2]	{Practical18.Model.Student}		Practical18.Model.S...
▷ ◇ Raw View			

Close

3. Conditional Breakpoints

Location: StudentController.cs, Line: 21, Character: 9, Must match source
☑ Conditions
　　| Conditional Expression ▾ | Is true ▾ | *Example: x == 5* | Cancel
　　Add condition

☐ Actions
☐ Remove breakpoint once hit
☐ Only enable when the following breakpoint is hit:
　[Close]

4. Exception Viewer

HomeController.c

Controller ▾ | 🔷 Index(Calsi calsi)
ɔException(); ❌

Exception User-Unhandled　　　　　　　▶ 📌 ✕

System.DivideByZeroException: 'Attempted to divide by zero.'

Show Call Stack | View Details | Copy Details | Start Live Share session

▲ Exception Settings
　☐ Break when this exception type is thrown
　☑ Break when this exception type is user-unhandled
　　Except when thrown from:
　　　☐ Practical10Test04.dll
　Open Exception Settings | Edit Conditions

QuickWatch　　　　　　　　　　　　　　　□　✕

Expression:　　　　　　　　　　　　　　　　[Reevaluate]
$exception　　　　　　　　　　　　　　　▾
Value:　　　　　　　　　　　　　　　　　　[Add Watch]

Name	Value	Type
▲ 🔷 $exception	{"Attempted to divide by zero."}	System.DivideByZer...
▷ 🔧 Data	{System.Collections.ListDictionaryInternal}	System.Collections.l...
🔧 HResult	-2147352558	int
🔧 HelpLink	null	string
▷ 🔧 InnerExce...	null	System.Exception
🔧 Message	"Attempted to divide by zero." 🔍 View ▾	string
🔧 Source	"Practical10Test04" 🔍 View ▾	string
🔧 StackTrace	" at Practical10Test04.Controllers.HomeController.Index(Calsi calsi) in C:\\User... 🔍 View ▾	string
▷ 🔧 TargetSite	{System.Web.Mvc.ActionResult Index(Practical10Test04.Models.Calsi)}	System.Reflection....
▷ ⚙ Static me...		
▷ 🔷 Non-Publ...		

　　　　　　　　　　　　　　　　　　　　[Close]

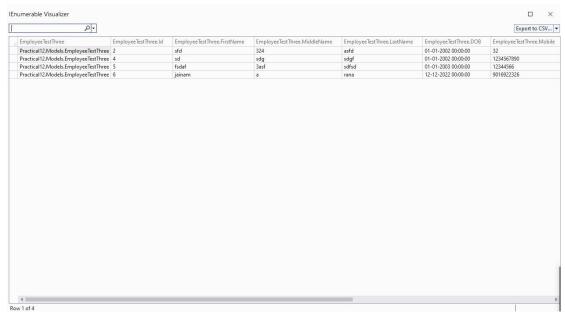## 5. IEnumerable Visualizer.

6. Intermediate Window

7. Call Stack

8. Hot Reload

9. Git Clone

10. Git Explorer