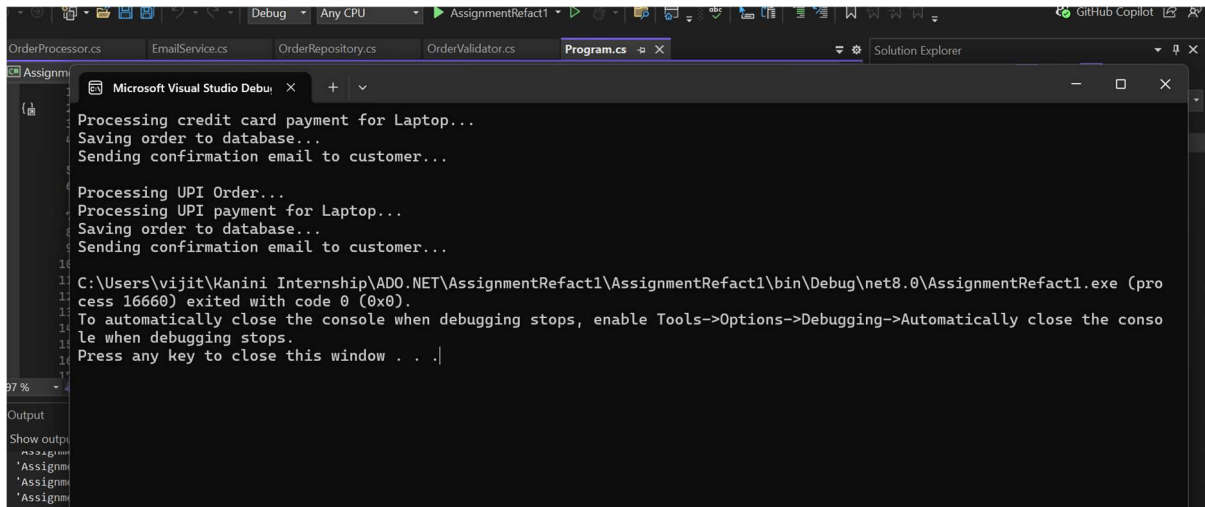


Assignment for Refactoring:

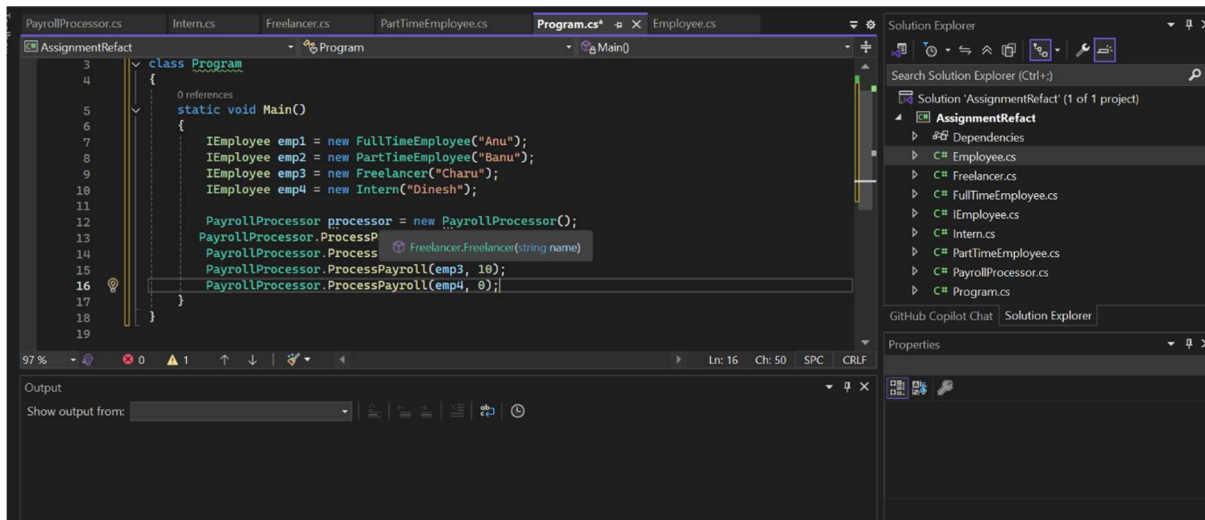


This screenshot shows the output window of a Visual Studio application. The output text is as follows:

```
Processing credit card payment for Laptop...
Saving order to database...
Sending confirmation email to customer...

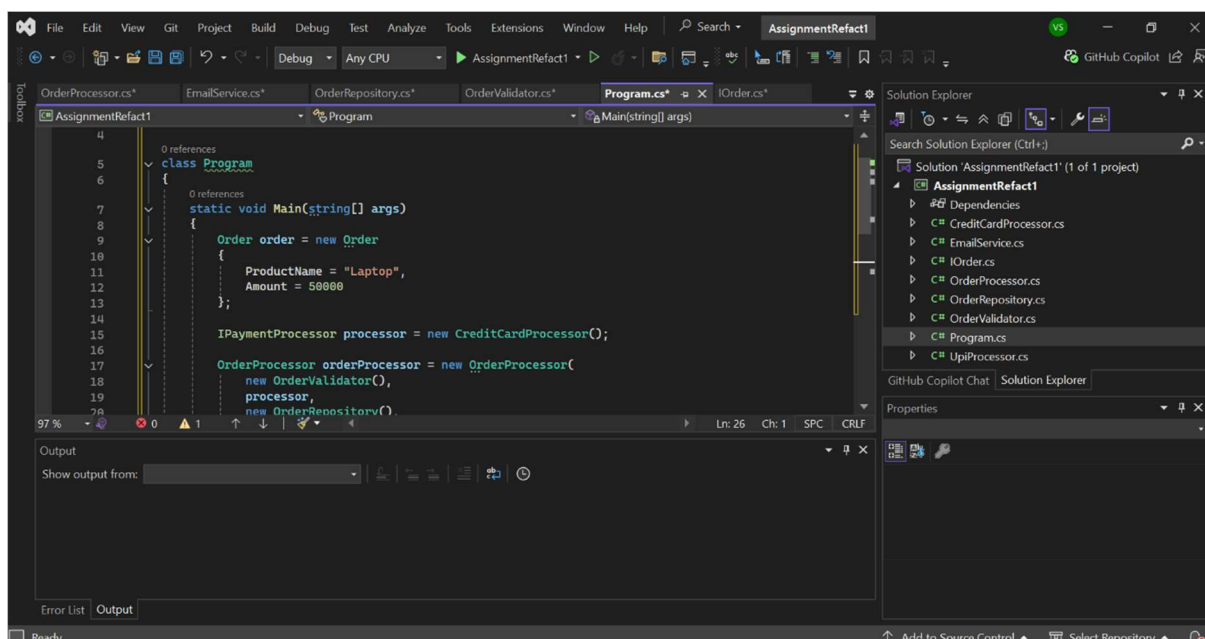
Processing UPI Order...
Processing UPI payment for Laptop...
Saving order to database...
Sending confirmation email to customer...

C:\Users\vijit\Kanini Internship\ADO.NET\AssignmentRefact1\AssignmentRefact1\bin\Debug\net8.0\AssignmentRefact1.exe (process 16660) exited with code 0 (0x0).
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .|
```



This screenshot shows the source code of the `Program.cs` file in the `AssignmentRefact` project. The code defines a `Program` class with a `Main` method that creates several employee objects and uses a `PayrollProcessor` to process their payrolls.

```
3  class Program
4  {
5      0 references
6      static void Main()
7      {
8          IEmployee emp1 = new FullTimeEmployee("Anu");
9          IEmployee emp2 = new PartTimeEmployee("Banu");
10         IEmployee emp3 = new Freelancer("Charu");
11         IEmployee emp4 = new Intern("Dinesh");
12
13         PayrollProcessor processor = new PayrollProcessor();
14         PayrollProcessor.ProcessP
15         PayrollProcessor.Process
16         PayrollProcessor.ProcessPayroll(emp3, 10);
17         PayrollProcessor.ProcessPayroll(emp4, 0);
18     }
19 }
```



This screenshot shows the source code of the `Program.cs` file in the `AssignmentRefact1` project. The code defines a `Program` class with a `Main` method that creates an `Order` object and uses an `OrderProcessor` to process it.

```
4
5  class Program
6  {
7      0 references
8      static void Main(string[] args)
9      {
10         Order order = new Order
11         {
12             ProductName = "Laptop",
13             Amount = 50000
14         };
15
16         IPaymentProcessor processor = new CreditCardProcessor();
17
18         OrderProcessor orderProcessor = new OrderProcessor(
19             new OrderValidator(),
20             processor,
21             new OrderRepository());
22     }
```