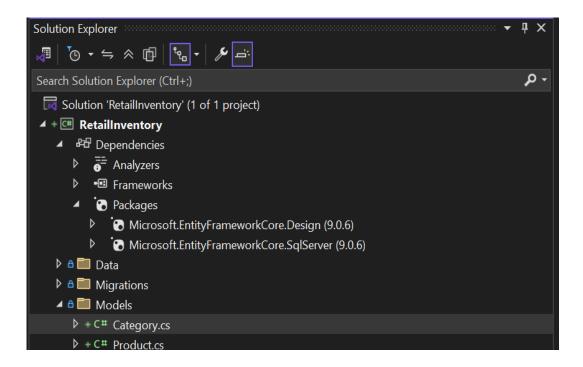
Week-3 Ef Core

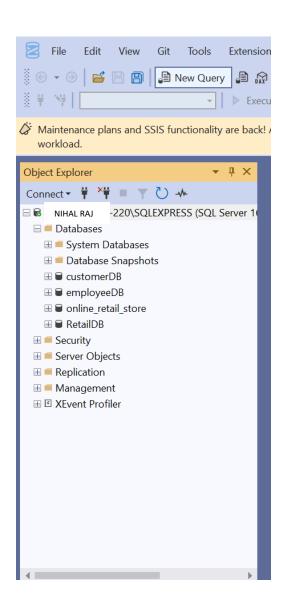
Lab-1



Lab-2

```
| File | City | View | City | Project | Dublug | Test | Analyze | Tools | Extensions | Window | Help | Passarch | RetailInventory | Act | Dublug | Analyze | Project | Dublug | Analyze | Project | Passarch | Project | Passarch | Project | Project
```

Lab-3



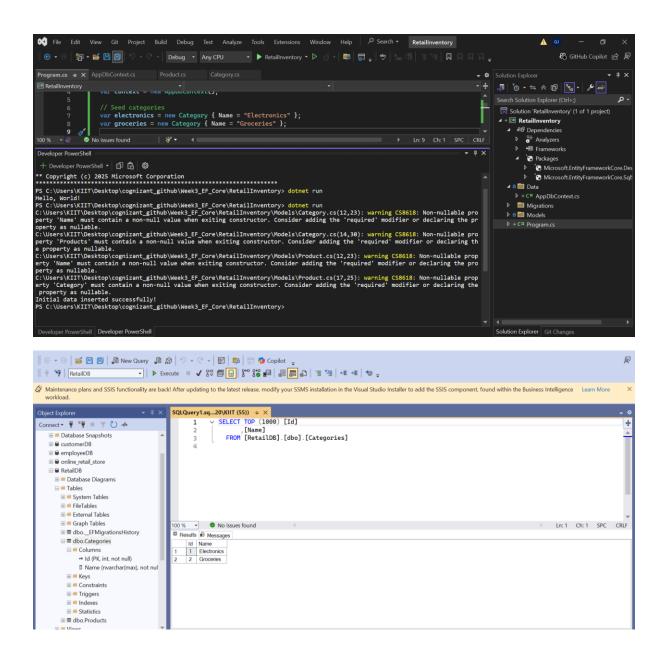
```
Developer PowerShell PowerShell Developer PowerShell Developer PowerShell Developer PowerShell PowerSh
```

Lab – 4

Code:-

```
| Image: Approximate the second state of the s
```

Output:-



Lab-5

Code:-

Output:-

```
Developer PowerShell * Developer PowerShell *
```

Lab-6

Code:-

```
lab_6.cs* + X lab_5.cs
# Miscellaneous Files
                   var context = new AppDbContext();
                  // Update the price of the "Laptop"
var product = await context.Products.FirstOrDefaultAsync(p => p.Name == "Laptop");
                v if (product != null)
                       Console.WriteLine($"\nUpdating price of: {product.Name}");
                        await context.SaveChangesAsync();
                       Console.WriteLine("Price updated!");
       14
15
       16
17
                       Console.WriteLine("Laptop not found.");
                  "//Delete the product "Rice Bag"
var toDelete = await context.Products.FirstOrDefaultAsync(p => p.Name == "Rice Bag");
       18
19

    if (toDelete != null)

                       Console.WriteLine($"\nDeleting product: {toDelete.Name}");
                       context.Products.Remove(toDelete);
                       await context.SaveChangesAsync();
                       Console.WriteLine("Product deleted!");
                        Console.WriteLine("Rice Bag not found.");
```

Output:-

Lab-7

Code:-

```
lab_7.cs + X lab_6.cs
                                                                                                                                                                                                                            ▼ % RetailInventory.Lab7

▼ 

Main(string)

Main(st
                                                                                         class Lab7
                                                                                                         static async Task Main(string[] args)
                                                                                                                          using var context = new AppDbContext();
                                                                                                                          Console.WriteLine("\nFiltered Products (Price > ₹1000, sorted by Price descending):");
                                                                                                                          var filtered = await context.Products
                                                                                                                                            .Where(p \Rightarrow p.Price > 1000)
                                                                                                                                            .OrderByDescending(p => p.Price)
                                                                                                                                            .ToListAsync();
                                                                                                                           foreach (var p in filtered)
                                                                                                                                           Console.WriteLine($"- {p.Name} - ₹{p.Price}");
                                                                                                                          Console.WriteLine("\nProduct DTOs (Name + Price only):");
                                                                                                                          var productDTOs = await context.Products
                                                                                                                                             .Select(p => new { p.Name, p.Price })
                                                                                                                                            .ToListAsync();
                                                                                                                           foreach (var dto in productDTOs)
                                                                                                                                           Console.WriteLine($"• {dto.Name}: ₹{dto.Price}");
```

Output:-