

PROJETO ASP.NET CORE MVC

Template Inicial

Passo 01 – Banco de Dados

```
CREATE DATABASE dbFinanceiro
```

```
go
```

```
use dbFinanceiro
```

```
go
```

```
= Create table AGENCIA (
```

```
   Codigo int identity(1,1) primary key,
```

```
    Nome varchar(100),
```

```
    Cidade varchar(100),
```

```
    EstadoUF varchar(100)
```

```
)
```

```
|
```

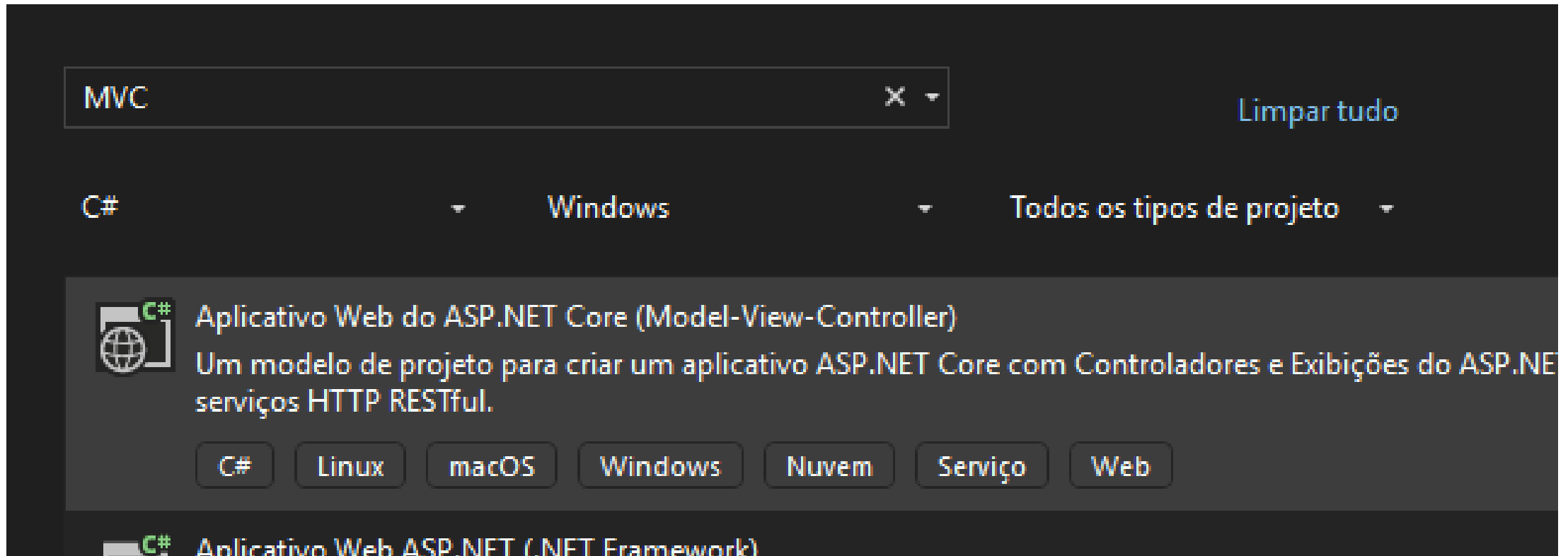
```
go
```

```
= --select * from agencia
```

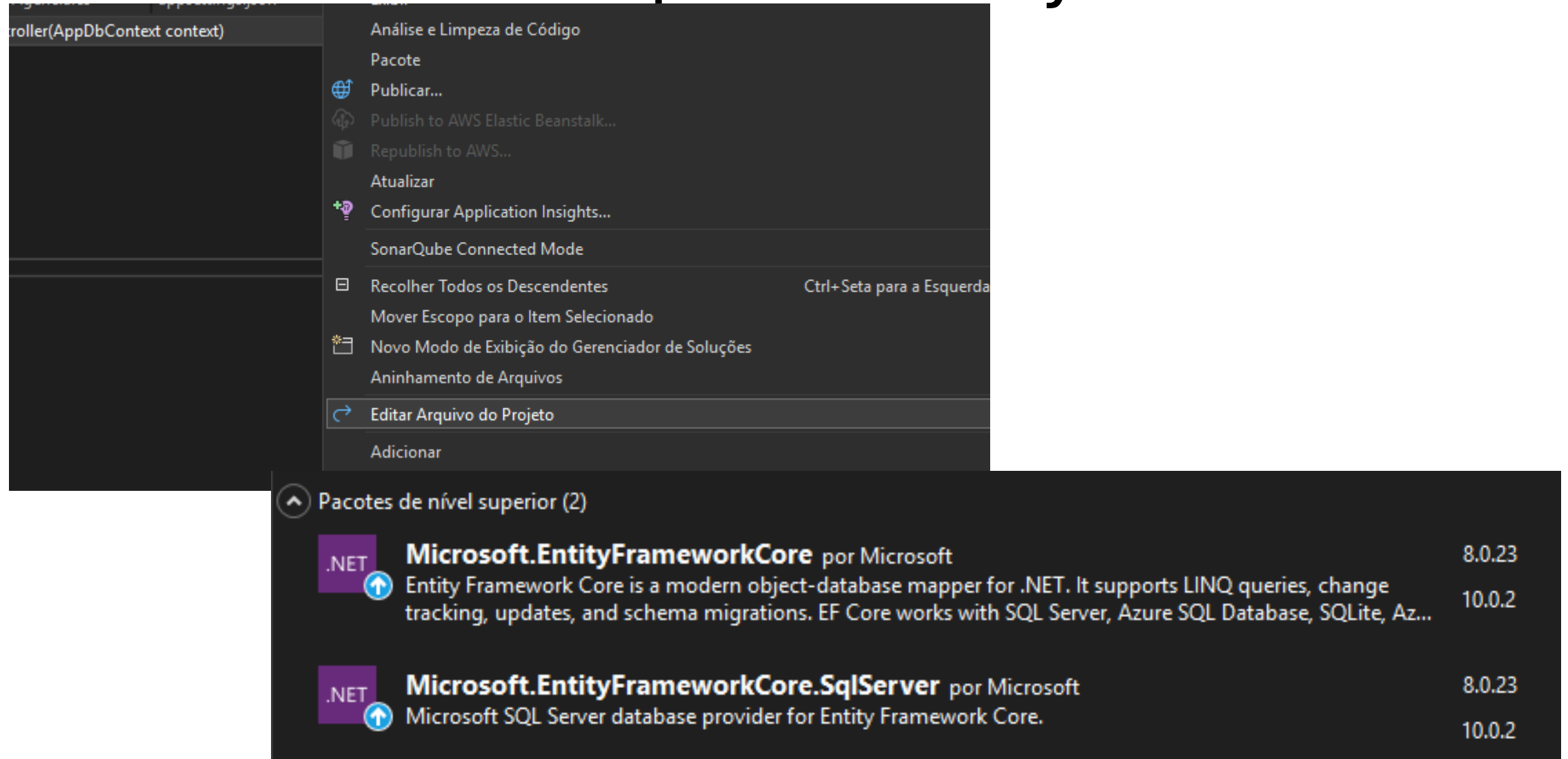
```
--teste
```

```
INSERT AGENCIA (NOME,CIDADE,EstadoUF) VALUES ('BB Estância', 'Estância','SE')
```

Passo 02 – Criar projeto Asp.net Core MVC



Passo 04 – Instalar pacote EntityFramework

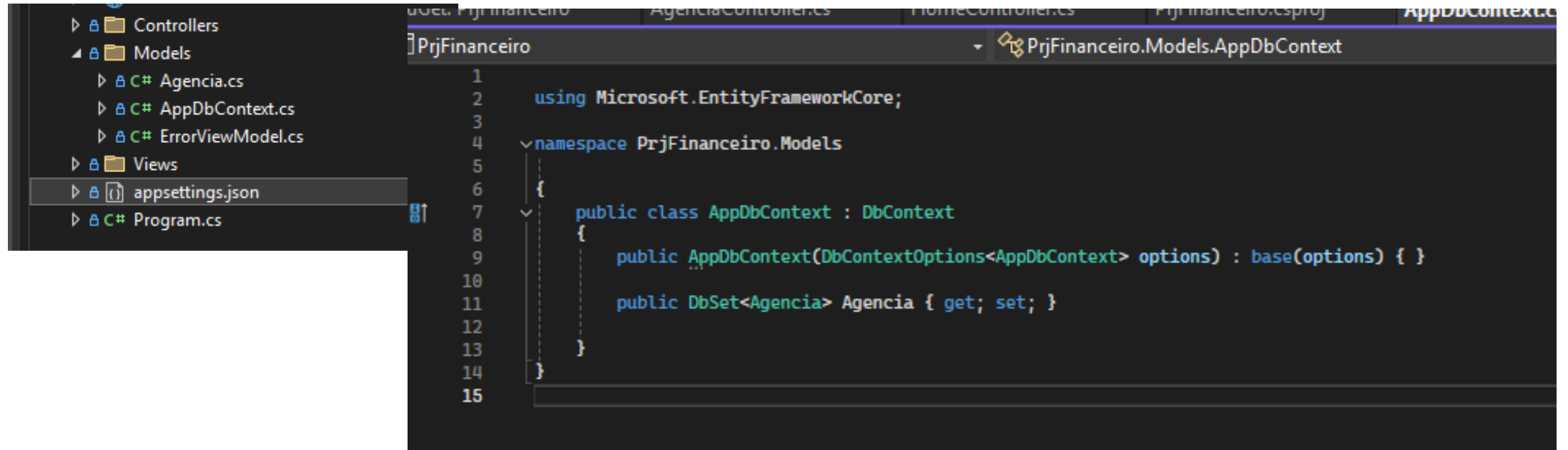


Passo 05 – Configurar conexão appsettings.json

a: <https://www.schemastore.org/appsettings.json>

```
{
  "Logging": {
    "LogLevel": {
      "Default": "Information",
      "Microsoft.AspNetCore": "Warning"
    }
  },
  "AllowedHosts": "*",
  "ConnectionStrings": {
    "ConexaoPadrao": "Server=.;\\MASTER;Database=dbFinanceiro;User Id=sa;Password=master.123;TrustServerCertificate=True"
  }
}
```

Passo 06 – Criar context



The screenshot shows the Visual Studio IDE with a C# project named 'PrjFinanceiro'. The left sidebar displays the project structure, including folders for 'Controllers', 'Models', and 'Views', and files like 'appsettings.json' and 'Program.cs'. The 'Models' folder is expanded, showing 'Agencia.cs', 'AppDbContext.cs', and 'ErrorViewModel.cs'. The main editor window shows the code for 'AppDbContext.cs', which is part of the 'PrjFinanceiro.Models' namespace. The code defines a 'public class AppDbContext : DbContext' with a constructor and a 'DbSet' for 'Agencia'.

```
1
2 using Microsoft.EntityFrameworkCore;
3
4 namespace PrjFinanceiro.Models
5 {
6     public class AppDbContext : DbContext
7     {
8         public AppDbContext(DbContextOptions<AppDbContext> options) : base(options) { }
9
10        public DbSet<Agencia> Agencia { get; set; }
11    }
12 }
13
14
15
```

Passo 07 – Classe exemplo Agencia

```
using System.ComponentModel.DataAnnotations;

namespace PrjFinanceiro.Models
{
    public class Agencia
    {
        [Key]
        public int Codigo { get; set; }
        public string Nome { get; set; }
        public string Cidade { get; set; }
        public string EstadoUF { get; set; }
    }
}
```

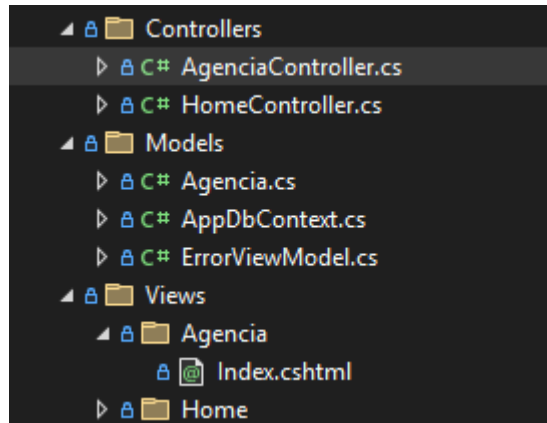
Passo 08 – Controller Agencia

```
1  using Microsoft.AspNetCore.Mvc;
2  using PrjFinanceiro.Models;
3  using System.Linq;
4
5  namespace PrjFinanceiro.Controllers
6  {
7      public class AgenciaController : Controller
8      {
9          private readonly ApplicationDbContext _context;
10
11         public AgenciaController(ApplicationDbContext context)
12         {
13             _context = context;
14         }
15
16         public IActionResult Index()
17         {
18             var lista = _context.Agency.ToList();
19             return View(lista); // Passa a lista para a View
20         }
21     }
22 }
23
24
25
```


Passo 08 – Controller Agencia

```
1  using Microsoft.AspNetCore.Mvc;
2  using PrjFinanceiro.Models;
3  using System.Linq;
4
5  namespace PrjFinanceiro.Controllers
6  {
7      public class AgenciaController : Controller
8      {
9          private readonly ApplicationDbContext _context;
10
11         public AgenciaController(ApplicationDbContext context)
12         {
13             _context = context;
14         }
15
16         public IActionResult Index()
17         {
18             var lista = _context.Agency.ToList();
19             return View(lista); // Passa a lista para a View
20         }
21     }
22 }
23
24
25
```

Passo 09 – View Agencia



```
1 @model IEnumerable<PrjFinanceiro.Models.Agencia>
2 <div class="container mt-5">
3   <h2 class="mb-4">Lista de Agências Bancárias</h2>
4   <p>
5     <a href="/Agencia/Criar" class="btn btn-success">Cadastrar Nova Agência</a>
6   </p>
7   <table class="table table-bordered table-hover">
8     <thead class="thead-dark">
9       <tr>
10        <th>Código</th>
11        <th>Nome da Agência</th>
12        <th>Cidade</th>
13        <th>Estado (UF)</th>
14        <th>Ações</th>
15      </tr>
16    </thead>
17    <tbody>
18      @foreach (var item in Model)
19      {
20        <tr>
21          <td>@item.Codigo</td>
22          <td>@item.Nome</td>
23          <td>@item.Cidade</td>
24          <td>@item.EstadoUF</td>
25          <td>
26            <a href="/Agencia/Editar/@item.Codigo" class="btn btn-sm btn-primary">Editar</a>
27            <a href="/Agencia/Excluir/@item.Codigo" class="btn btn-sm btn-danger">Excluir</a>
28          </td>
29        </tr>
30      }
31    </tbody>
32  </table>
33 </div>
```

Não foi encontrado nenhum problema

Teste

Localhost:xxxx/Agencia