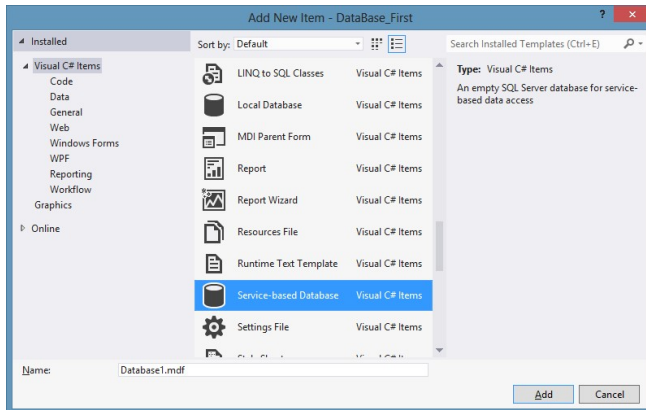
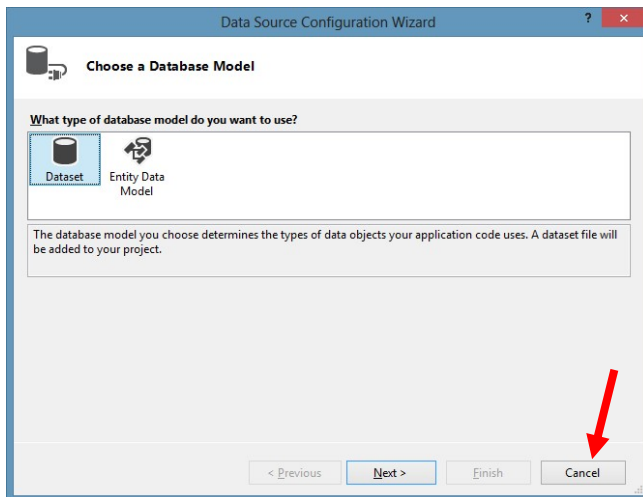


DataBase First

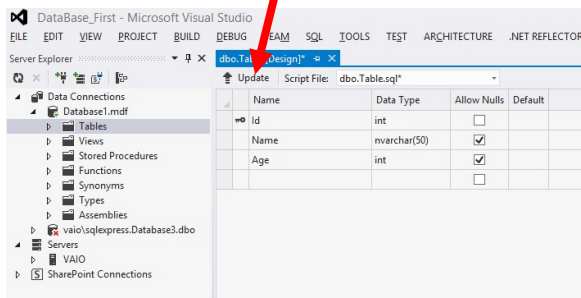
1. Создать проект по шаблону ConsoleApplication.
2. Добавить в проект новую базу данных:



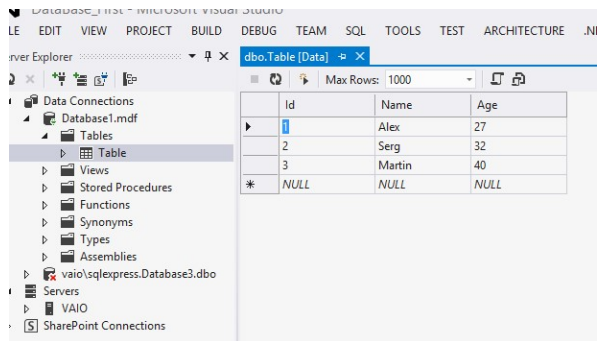
Во время создания в диалоговом окне выбрать Cancel



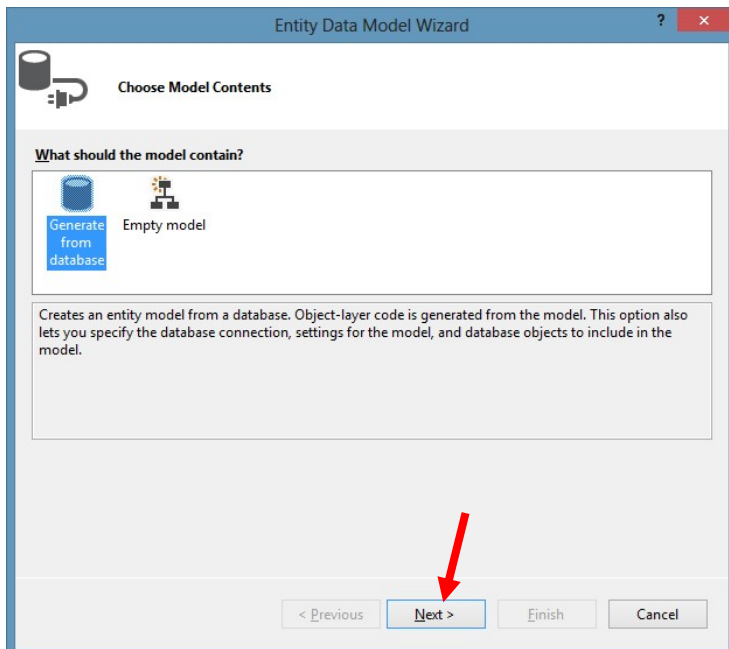
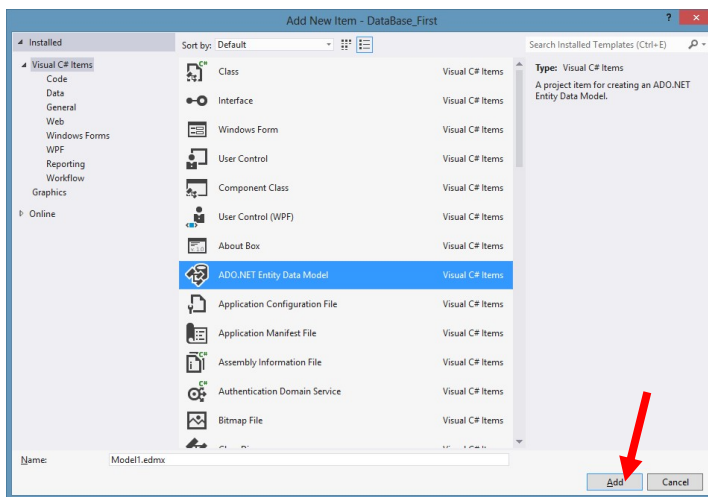
3. После создания базы, добавить таблицу и сохранить ее.




Добавить в таблицу тестовые данные



4. Сгенерировать модель:



Entity Data Model Wizard

 Choose Your Data Connection

Which data connection should your application use to connect to the database?

Database1.mdf New Connection...

This connection string appears to contain sensitive data (for example, a password) that is required to connect to the database. Storing sensitive data in the connection string can be a security risk. Do you want to include this sensitive data in the connection string?

☐ No, exclude sensitive data from the connection string. I will set it in my application code.

☐ Yes, include the sensitive data in the connection string.

Entity connection string:


```
metadata=res://*/Model1.csdl|res://*/Model1.ssdl|
res://*/Model1.msl;provider=System.Data.SqlClient;provider connection string="data source=
(LocalDB)\v11.0;attachdbfilename=|DataDirectory|\Database1.mdf;integrated
security=True;MultipleActiveResultSets=True;App=EntityFramework"
```

☒ Save entity connection settings in App.Config as:

Database1Entities

< Previous **Next >** Finish Cancel

Entity Data Model Wizard

 Choose Your Database Objects and Settings

Which database objects do you want to include in your model?

☒ Tables

☒ dbo

☐ Views

☐ Stored Procedures and Functions

☐ Pluralize or singularize generated object names

☒ Include foreign key columns in the model

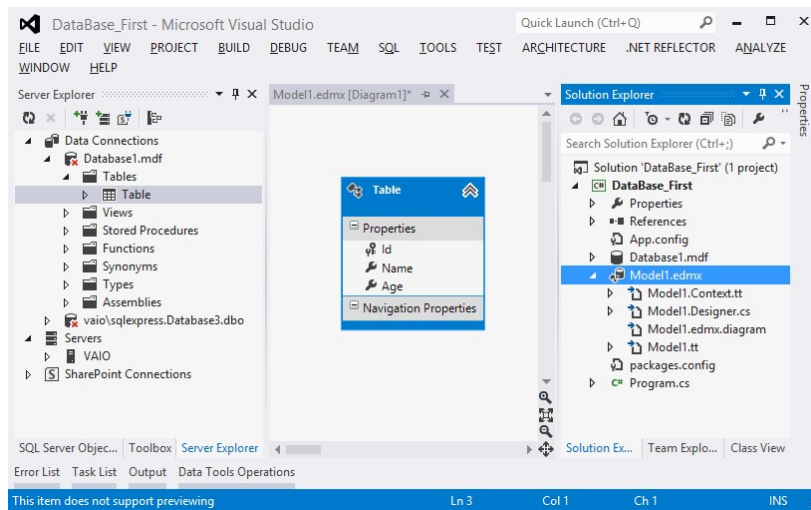
☐ Import selected stored procedures and functions into the entity model

Model Namespace:

Database1Model

< Previous Next > **Finish** Cancel

В результате будет создана модель, которая откроется в дизайнере



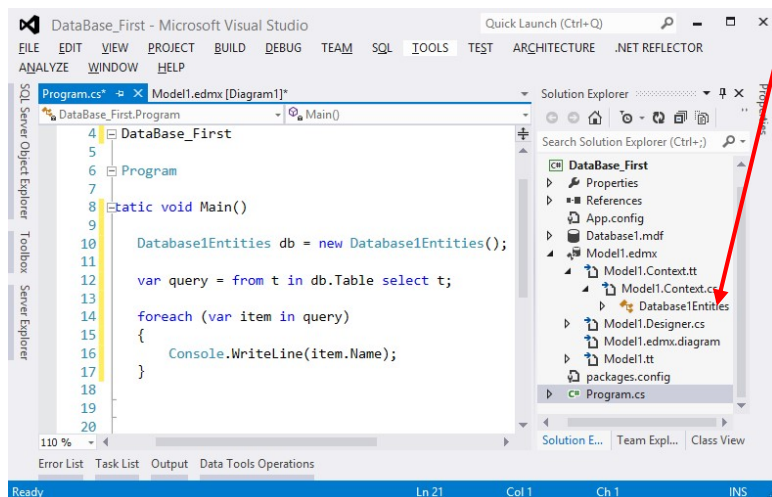
5. В теле метода Main класса Program вставить следующий код:

```
class Program
{
    static void Main()
    {
        Database1Entities db = new Database1Entities();

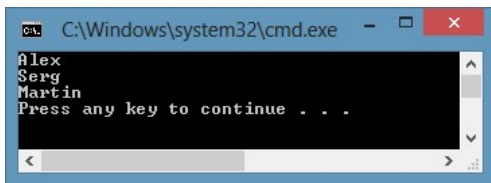
        var query = from t in db.Table select t;

        foreach (var item in query)
        {
            Console.WriteLine(item.Name);
        }
    }
}
```

Обратите внимание:



6. Результат выполнения программы



```
C:\Windows\system32\cmd.exe
alex
Serg
Martin
Press any key to continue . . .
```

The image shows a screenshot of a Windows command prompt window. The title bar at the top reads "C:\Windows\system32\cmd.exe". The command prompt itself has a black background with white text. It displays the following output: "alex", "Serg", "Martin", and "Press any key to continue . . .". A vertical scrollbar is visible on the right side of the command prompt window.