Kodovi za kreiranje Baze Podataka ***PortalDB***, kao i za unos podataka.

***Nakon Kreiranja baze u MSSQL, kodovi za kreiranje tabela:***

1. ***Types***

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| CREATE TABLE [dbo].[Types]  (  [Type\_Id] INT NOT NULL PRIMARY KEY IDENTITY,  [Name] NVARCHAR(50) NOT NULL  ); |

1. ***Cities***

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| --- |
| CREATE TABLE [dbo].[Cities]  (  [City\_Id] INT NOT NULL PRIMARY KEY IDENTITY,  [Name] NVARCHAR(50) NOT NULL,  [Ppt] INT NOT NULL  ); |

1. ***Persons***

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| --- |
| CREATE TABLE [dbo].[Persons] (  [Person\_Id] INT NOT NULL IDENTITY,  [Name] NVARCHAR (50) NOT NULL,  [Surname] NVARCHAR (50) NOT NULL,  [JMBG] NVARCHAR (13) NOT NULL,  [Card\_Number] INT NOT NULL,  PRIMARY KEY CLUSTERED ([Person\_Id] ASC)  ); |

1. ***Owners***

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| CREATE TABLE [dbo].[Owners] (  [Owner\_Id] INT IDENTITY (1, 1) NOT NULL,  [Name] NVARCHAR (50) NOT NULL,  [Surname] NVARCHAR (50) NOT NULL,  [JMBG] NVARCHAR (13) NOT NULL,  [Card\_Number] INT NOT NULL,  [Username] NVARCHAR (50) NOT NULL,  [Password] NVARCHAR (50) NOT NULL,  PRIMARY KEY CLUSTERED ([Owner\_Id] ASC),  ); |

1. ***Apartments***

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| --- |
| CREATE TABLE [dbo].[Apartments] (  [Apartment\_Id] INT IDENTITY (1, 1) NOT NULL,  [Address] NVARCHAR (50) NOT NULL,  [Apartment\_Number] INT NOT NULL,  [Status] NVARCHAR (50) NOT NULL,  [Type\_Id] INT NOT NULL,  [City\_Id] INT NOT NULL,  [Owner\_Id] INT NOT NULL,  PRIMARY KEY CLUSTERED ([Apartment\_Id] ASC),  CONSTRAINT [FK\_Apartments\_ToTypes] FOREIGN KEY ([Type\_Id]) REFERENCES [dbo].[Types] ([Type\_Id]),  CONSTRAINT [FK\_Apartments\_ToCities] FOREIGN KEY ([City\_Id]) REFERENCES [dbo].[Cities] ([City\_Id]),  CONSTRAINT [FK\_Apartments\_ToOwners] FOREIGN KEY ([Owner\_Id]) REFERENCES [dbo].[Owners] ([Owner\_Id])  ); |

1. ***Records***

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| --- |
| CREATE TABLE [dbo].[Records]  (  [Record\_Id] INT NOT NULL PRIMARY KEY IDENTITY,  [Date\_Time] DATETIME NOT NULL,  [Status] NVARCHAR(50) NOT NULL,  [Person\_Id] INT NULL,  [Apartment\_Id] INT NOT NULL,  CONSTRAINT [FK\_Records\_ToPersons] FOREIGN KEY ([Person\_Id]) REFERENCES [Persons]([Person\_Id]),  CONSTRAINT [FK\_Records\_ToApartments] FOREIGN KEY ([Apartment\_Id]) REFERENCES [Apartments]([Apartment\_Id]),  ); |

***Kod za unos podataka u bazu:***

1. ***Types***

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| INSERT INTO Types (Name) VALUES ('Jednosoban');  INSERT INTO Types(Name) VALUES ('Dvosoban');  INSERT INTO Types (Name) VALUES ('Trosoban');  INSERT INTO Types (Name) VALUES ('Garsonjera'); |

1. ***Cities***

|  |
| --- |
| INSERT INTO Cities(Name, Ppt) VALUES ('Kraljevo', 36000);  INSERT INTO Cities(Name, Ppt) VALUES ('Cacak', 32000);  INSERT INTO Cities(Name, Ppt) VALUES ('Kraguejvac', 34000);  INSERT INTO Cities(Name, Ppt) VALUES ('Jagodina', 35000);  INSERT INTO Cities(Name, Ppt) VALUES ('Beograd', 11000); |

1. ***Persons***

|  |
| --- |
| INSERT INTO Persons (Name, Surname, JMBG, Card\_Number) VALUES ('Andjelika', 'Glusac','2104995785029', 005252);  INSERT INTO Persons (Name, Surname, JMBG, Card\_Number) VALUES ('Stefan ', 'Djusic','2585858584325', 045252);  INSERT INTO Persons (Name, Surname, JMBG, Card\_Number) VALUES ('Marko ', 'Vukovic','4256585889858', 489252);  INSERT INTO Persons (Name, Surname, JMBG, Card\_Number) VALUES ('Predrag ', 'Kolovic','9696989842456', 899852);  INSERT INTO Persons (Name, Surname, JMBG, Card\_Number) VALUES ('Nemanja', 'Milojevic','8452085296385', 325988); |

1. ***Owners***

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| --- |
| INSERT INTO Owners (Name, Surname, JMBG, Card\_Number, Username, Password) VALUES ('Marija', 'Ilincic','3104966789929', 005243, 'Maja', 'Maja');  INSERT INTO Owners (Name, Surname, JMBG, Card\_Number, Username, Password) VALUES ('Milos', 'Vukajlovic','1385822584125', 043262, 'Milos', 'Milos');  INSERT INTO Owners (Name, Surname, JMBG, Card\_Number, Username, Password) VALUES ('Nikola', 'Stojanovic','3354385877858', 119222, 'Nikola', 'Nikola');  INSERT INTO Owners (Name, Surname, JMBG, Card\_Number, Username, Password) VALUES ('Andrija', 'Durutovic','7196229898456', 249822, 'Andrija', 'Andrija');  INSERT INTO Owners (Name, Surname, JMBG, Card\_Number, Username, Password) VALUES ('Tamara', 'Nikolic','3252185668785', 475668, 'Tamara', 'Tamara'); |

1. ***Apartments***

|  |
| --- |
| INSERT INTO Apartments (Address, Apartment\_Number, Status, City\_Id, Type\_Id, Owner\_Id) VALUES ('Vojvode Stepe 114', 31, 'Zauzet', 1, 2, 5);  INSERT INTO Apartments (Address, Apartment\_Number, Status, City\_Id, Type\_Id, Owner\_Id) VALUES ('Bate Jankovca 45', 67, 'Slobodan', 2, 3, 4);  INSERT INTO Apartments (Address, Apartment\_Number, Status, City\_Id, Type\_Id, Owner\_Id) VALUES ('Ivo Lola Ribar 17', 5, 'Zauzet', 3, 4, 3);  INSERT INTO Apartments (Address, Apartment\_Number, Status, City\_Id, Type\_Id, Owner\_Id) VALUES ('Kralja Milana 35', 23, 'Slobodan', 2, 2, 2); |

1. ***Records***

|  |
| --- |
| INSERT INTO Records (Date\_Time, Status, Person\_Id, Apartment\_Id) VALUES ('2018-04-21 15:25:18', 'Ulaz', 1, 2);  INSERT INTO Records (Date\_Time, Status, Person\_Id, Apartment\_Id) VALUES ('2018-01-11 10:10:45','Ulaz', 3, 4);  INSERT INTO Records (Date\_Time, Status, Person\_Id, Apartment\_Id) VALUES ('2018-04-11 23:45:00', 'Izlaz', 2, 2);  INSERT INTO Records (Date\_Time, Status, Person\_Id, Apartment\_Id) VALUES ('2018-04-12 08:01:15', 'Izlaz', 1, 2);  INSERT INTO Records (Date\_Time, Status, Person\_Id, Apartment\_Id) VALUES ('2018-04-12 09:10:37','Izlaz', 4, 3); |