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. ***Appartements***

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| CREATE TABLE [dbo].[Appartements]  (  [Appartement\_Id] INT NOT NULL PRIMARY KEY IDENTITY,  [Address] NVARCHAR(50) NOT NULL,  [Appartement\_Number] INT NOT NULL,  [Owner\_Name] NVARCHAR(50) NOT NULL,  [Owner\_Surname] NVARCHAR(50) NOT NULL,  [Status] NVARCHAR(50) NOT NULL,  [Type\_Id] INT NOT NULL,  [City\_Id] INT NOT NULL,  CONSTRAINT [FK\_Appartements\_ToTypes] FOREIGN KEY ([Type\_Id]) REFERENCES [Types]([Type\_Id]),  CONSTRAINT [FK\_Appartements\_ToCities] FOREIGN KEY ([City\_Id]) REFERENCES [Cities]([City\_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,  [Appartement\_Id] INT NOT NULL,  CONSTRAINT [FK\_Records\_ToPersons] FOREIGN KEY ([Person\_Id]) REFERENCES [Persons]([Person\_Id]),  CONSTRAINT [FK\_Records\_ToAppartements] FOREIGN KEY ([Appartement\_Id]) REFERENCES [Appartements]([Appartement\_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***

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| 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***

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| 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. ***Appartements***

|  |
| --- |
| INSERT INTO Appartements (Address, Appartement\_Number, Owner\_Name, Owner\_Surname, Status, City\_Id, Type\_Id) VALUES ('Vojvode Stepe 114', 31, 'Nemanja', 'Vicovic', 'Zauzet', 1, 2);  INSERT INTO Appartements (Address, Appartement\_Number, Owner\_Name, Owner\_Surname, Status, City\_Id, Type\_Id) VALUES ('Bate Jankovca 45', 67, 'Kosara','Zivgovic', 'Slobodan', 2, 3);  INSERT INTO Appartements (Address, Appartement\_Number, Owner\_Name, Owner\_Surname, Status, City\_Id, Type\_Id) VALUES ('Ivo Lola Ribar 17', 5, 'Marija', 'Ilincic', 'Zauzet', 3, 4);  INSERT INTO Appartements (Address, Appartement\_Number, Owner\_Name, Owner\_Surname, Status, City\_Id, Type\_Id) VALUES ('Kralja Milana 35', 23, 'Zorana', 'Gavrilovic', 'Slobodan', 2, 2); |

1. ***Records***

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