```
c)
a)
   #
                                                           ))
d)
a) ViewData
                ViewBag
 ) ModelData
 ) HtmlData
                HtmlCache
 ) CurrentContent
                      PermanentContent
                                                               Mjesto
                                                                                        Naziv
 @Model Mjesto
 @model.Naziv
```

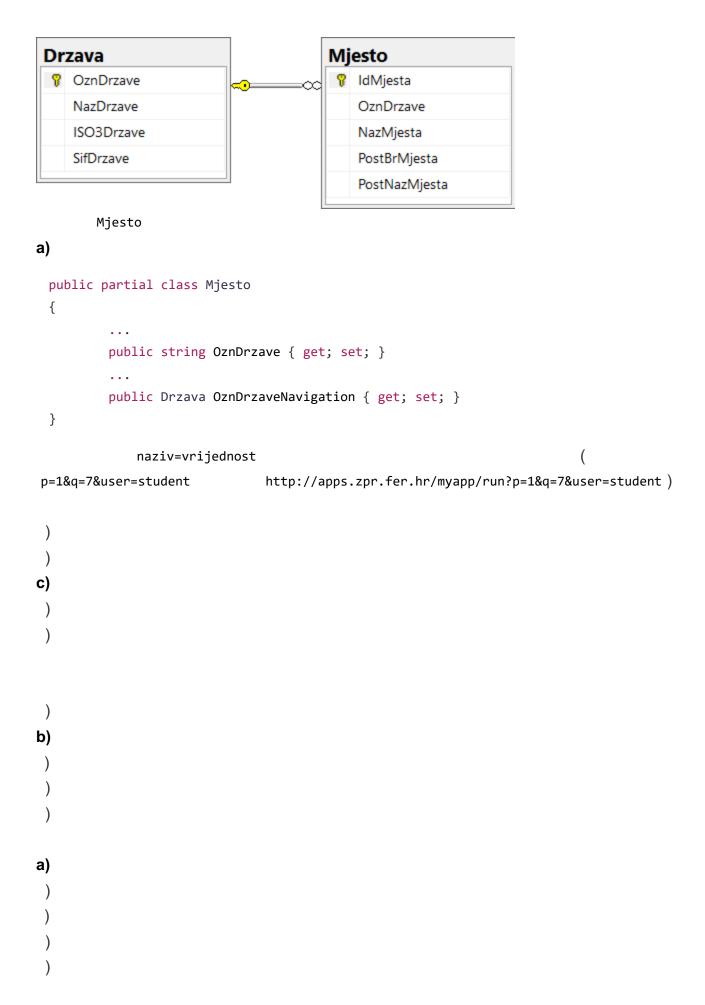
```
b)
 @model Mjesto
 @Model.Naziv
 @model Mjesto
 @Naziv
 @Model Mjesto
 @Naziv
 @model Mjesto
 @Mjesto.Naziv
 try {
         throw new NullReferenceException(...)
 }
 catch (Exception exc) {
         Console.WriteLine("EXC");
 }
 catch (NullReferenceException nre) {
         Console.WriteLine("NRE");
 }
 finally {
         Console.WriteLine("F");
 }
```

b)

NRE

EXC F NRE F) EXC NRE F F d) d) a)

```
d)
b)
                   )
                                                 Mjesto
                                         Drzava
                                    Mjesto
Drzava
 OznDrzave
                                    NazDrzave
                                       OznDrzave
    ISO3Drzave
                                       NazMjesta
                                       PostBrMjesta
    SifDrzave
                                       PostNazMjesta
       Drzava
```



```
d)
a)
                                        Mjesto
 Drzava

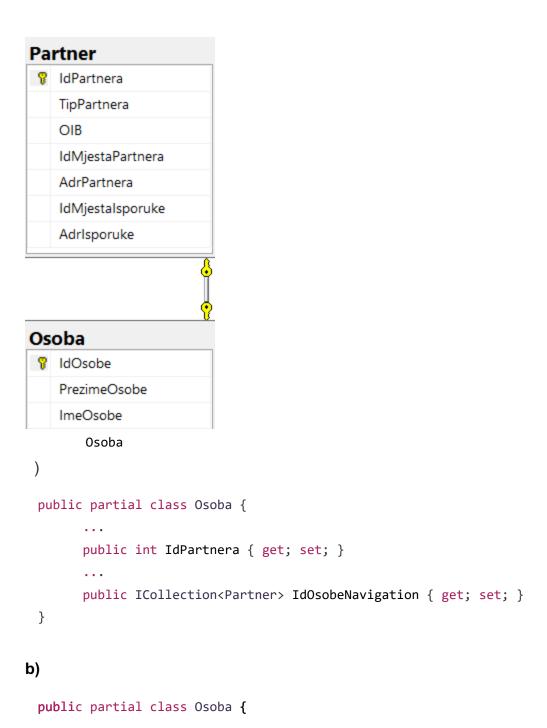
    OznDrzave

                                         IdMjesta
     NazDrzave
                                             OznDrzave
     ISO3Drzave
                                            NazMjesta
                                             PostBrMjesta
     SifDrzave
                                             PostNazMjesta
```

 ctx

```
var list = ctx.Mjesto
   .Select(m => new {
        m.NazivMjesta,
        Drzava = m.OznDrzaveNavigation.NazDrzave
}).ToList();
```

```
a)
 class Primjer
 {
          private int index;
          public int Index
          {
                  get { return index; }
                  set {
                          if (value <= 0) { this.index = 0; }</pre>
                          else if (value > 100) { this.index = 100; }
                          else { this.index = value; }
                  }
          }
 }
d)
a) http://.../firma/artikl(8)
```

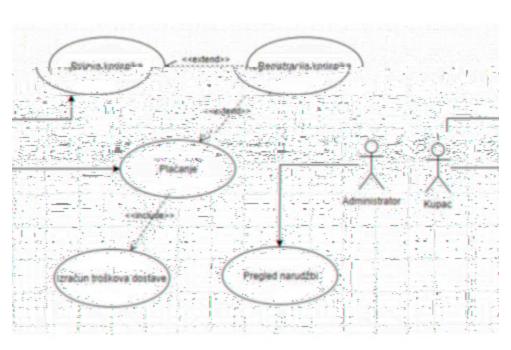


```
)
 public partial class Osoba
 {
       public int IdOsobe { get; set; }
 }
                              (
a)
                  SELECT OznDrzave, NazDrzave FROM Drzava;
             DbCommand
                          IDataReader
                                                      Drzava
 )
 string oznaka = (string) reader["OznDrzave"];
 string naziv = (string) reader["NazDrzave"];
 )
 string oznaka = reader.GetString(0);
 string naziv = reader.GetString(1);
 string oznaka = reader["OznDrzave"].ToString();
 string naziv = reader["NazDrzave"].ToString();
d)
 string oznaka = (string) reader.GetName("OznDrzave");
 string naziv = (string) reader.GetName("NazDrzave");
c)
```

```
void IspisiVozila(IEnumerable<MotornoVozilo> vozila) {
       foreach(var vozilo in vozila)
             Console.WriteLine(vozilo.Model);
 }
    Automobil Motocikl
                                     MotornoVozilo
                                                                        IspisiVozilo
        List<Automobil>
                                       IEnumerable<T>
a)
b)
d)
a) ApiController
 ) TypeFilter
 ) BadRequestFilter
 ) ControllerBase
 ) ExceptionFilter
 ) "
 ) "
```

```
a)
a) http://.../firma/artikl?$filter=CijArtikla gt 100 and CijArtikla lt 500
                                                                                     С
              Х
 public string this[int a, int b] {
         get {
          }
          set {
          }
 }
 ) x["A", 5] = 1 + x["B", 3]
b) x[1, 2]^{n} = "Z" + x[2, 3]
 ) x(1, 2) = "Z"
 ) x.
```

```
a) Func<int, int, double>
 ) Func<int<,>, double>
 ) Action<int, int, double>
 ) Func<Action<int, int>, double>
 ) Func<double, int, int>
)
b)
c)
d)
a)
c)
```



)) b) a) Introduction 1.1. Project Overview 1.2. Project Deliverables 1.3. Evolution of the Software Project Management Plan 1.4. Reference Materials 1.5. Definitions and Acronyms 2. Project Organization 2.1 Process Model 2.2 Organizational Structure 2.3 Organizational Boundaries and Interfaces 2.4 Project Responsibilities 3. Managerial Process 3.1 Management Objectives and Priorities 3.2 Assumptions, Dependencies, and Constraints 3.3 Resource Requirements 3.4 Budget and Resource Allocation 3.5 Schedule 6. Additional Components 7. Index 8. Appendices

a)

```
int a = 0, b = 0, c;
 try {
      try {
            Console.Write("T1 ");
            c = b / a;
       }
       finally {
            Console.Write("F1 ");
       }
 }
 catch (Exception exc2) {
       Console.Write("E2 ");
 }
 finally {
       Console.Write("F2 ");
 }
a) T1 F1 E2 F2
 try {
       try {
          Console.Write("T1 ");
       finally {
             Console.Write("F1 ");
       }
 }
 catch (Exception exc2) {
       Console.Write("E2 ");
 }
 finally {
    Console.Write("F2 ");
 }
a) T1 F1 F2
```

%

```
a) "jQuery": "~3.3.1"
a)
private
a)
                                             Partner
                                                       0soba
Partner
 IdPartnera
    TipPartnera
    OIB
    IdMjestaPartnera
    AdrPartnera
    IdMjestalsporuke
    Adrlsporuke
Osoba
 IdOsobe
    PrezimeOsobe
    ImeOsobe
        Partner
a)
 public partial class Partner
 {
       public int IdOsobe { get; set; }
       public Osoba IdOsobeNavigation { get; set; }
 }
```

bower.json packages.json)

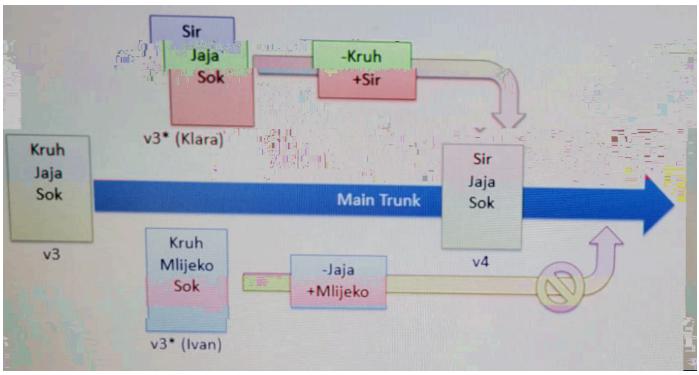
```
public partial class Partner
 {
       public int IdPartnera { get; set; }
       public Partner IdOsobe { get; set; }
 }
a)
a)
                   %
a)
a)
 class GenRazred<T> where T : class {
 }
 ) GenRazred<List<int>> x;
 ) GenRazred<Exception> x;
 ) GenRazred<string> x;
d) GenRazred<System.Int32> x;
 ) GenRazred<List<string>> x;
a)
b)
c)
d)
                            #
a) System.Object
```

```
a)
a)
a) @^* komentar koji se neće pojaviti u generiranom html-u ^*@
 )
c)
a)
a)
a)
                              #)
a)
a)
```

```
class Razred : IDisposable {
       private string Naziv;
       public Razred(string Naziv) {
              this.Naziv = Naziv;
       }
       public void Dispose() {
              Console.WriteLine(Naziv);
       }
 }
 class Program {
       static void Main(string[] args) {
              try {
                    Razred r1 = new Razred("A1");
                    using (Razred r2 = new Razred("B2")) {
                          Razred r3 = new Razred("C3");
                          r3 = null;
                          throw new Exception("Poruka");
                    }
                    r1.Dispose();
              }
              catch { }
       }
 }
                       Razred
                                                                Dispose
 ) C3
 ) B2 C3
c) B2
 ) B2 A1
 ) B2 C3 A1
a)
```

```
static void Main(string[] args) {
          Action<Func<int, int, int>> action = (f1) => Console.WriteLine(f1(5, 20));
          action += (f2) => Console.WriteLine(f2(3, 6));
          action((f1, f2) \Rightarrow f1 + f2);
 }
a)
 25
 9
a)
a)
a)
     Automobil
                 Motocikl
                                      MotornoVozilo
                                                                      IComparer
public interface IComparer<in T>
 void IspisiBoljiMotor(Motocikl a, Motocikl b, IComparer<Motocikl> comparer) {
          Console.WriteLine(comparer.Compare(a, b) < 0 ? a : b);</pre>
 }
                    )
a) IComparer<MotornoVozilo>
a)
```

```
) FromQuery
b) FromScript
 ) FromRoute
 ) FromServices
 ) FromForm
a)
a)
a)
             Car
                                   Vehicle
                                                      Μ
                                                                 ( )
void M(List<Vehicle> list)
                                          Μ
a) List<Vehicle>
 ) List<Vehicle>
                  List<Car>
 ) IEnumerable<Vehicle> List<Vehicle>
 ) List<Vehicle> List<Car> IEnumerable<Vehicle>
                                                    IEnumerable<Car>
 ) IEnumerable<Vehicle>
                         IEnumerable<Car>
internal
a)
```



a)

ControllerBase

Tools Categories

[HttpPost]

)

public IActionResult

```
[HttpPost]
 public IActionResult Assign([FromBody] Tools tools, [FromBody] Categories categories)
 )
 [HttpPost]
 public IActionResult Assign([FromBody] Tools tools, [FromQuery] Categories categories)
 )
 [HttpPost]
 public IActionResult Assign(Tools tools, [FromServices] Categories categories)
       SifArtikla
                                          Artikl
        Artikl
 using (var context = new FirmaContext())
 {
         for (int i = 1; i <= 10; i++)
                  Artikl artikl = new Artikl
                  {
                          SifArtikla = i/2, CijArtikla = 10m,
                          JedMjere = "kom", NazArtikla = i.ToString()
                  }
                  context.Artikl.Add(artikl);
          }
          context.SaveChanges();
 }
                   Artikl
a)
c)
                                           out
```

```
a) http://.../firma/artikl?$top=3&$orderby=CijArtikla desc
 ) http://.../firma/artikl(3)/By/CijArtikla
 ) http://.../firma/artikl/3?orderBy=CijArtikla&desc=true
 ) http://.../firma/artikl?$top=3&$filter=CijArtikla desc
 ) http://.../firma/3/artikl>$$by=CijArtiklaDesc
a)
 ) FromBody
 ) FromRoute
C) FromApi
 ) FromForm
 ) FromHeader
 static void Main(string[] args) {
          Action<int, string, Func<char, string, int>> action = (i, s, f) => Console.WriteLin
          action(6, "ispit iz RPPP-a", (x, s) => {
                  int sum = 0;
                  foreach (var c in s) {
                          if (x == c) {
                                  ++sum;
                          }
                  }
                  return sum;
          });
 }
a)
                                                         )
```

```
b)
                                                               Create
a)
 return RedirectToAction("Create");
a)
a)
a)
a)
                                                                    IEnumerable
     Automobil
                 Motocikl
                                     MotornoVozilo
public interface IEnumerable<out T>
 void IspisiVozila(IEnumerable<MotornoVozilo> vozila) {
       foreach(var vozilo in vozila)
             Console.WriteLine(vozilo.Model);
 }
a) List<Automobil>
 ) List<IEnumerable<Motocikl>>
 ) Motocikl
 ) Automobil
)
b)
c)
```

```
)
a)
a)
d)
a)
a)
                                         #
a)
 dynamic s = 7;
 dynamic s;
 dynamic s;
  s = 12;
  s = "Pero";
 dynamic s; s = "Pero";
  s = 12;
```

```
int a = 0, b = 0, c;
 try {
         try {
                 Console.Write("T1 ");
                 c = b / a;
         catch (Exception exc) {
                 Console.Write("E1 ");
                 c = a / b;
         }
         finally {
                 Console.Write("F1 ");
         }
 }
 catch (Exception exc2) {
         Console.Write("E2 ");
 }
 finally {
         Console.Write("F2 ");
 }
a) T1 E1 F1 E2 F2
a) TempData
(
a)
```

```
)
a)
a)
 public class MjestoController : ControllerBase {
         [HttpPost]
         public IActionResult Create(string s, int i) {
         }
 }
a)
a)
a)
a)
a)
a)
a)
       R
```

```
class R {
         public int X { get; set; }
         public int Y { get; set; }
         public R() : this(5, 6) { }
         public R(int x) {
                 Y = x;
         }
         public R(int a, int b) {
                 X = a;
                 Y = b;
         }
 }
 R r = new R \{
        X = 7
 };
 Console.WriteLine(r.X + " " + r.Y);
a) 7 6
 )
d)
a)
```

```
Vozilo
           Automobil
                        ElektricniAutomobil
Vozilo
           Motocikl
          Djelatnik
                       Direktor
0soba
           Djelatnik ZaduzenZa(Automobil a)
a)
 Func<ElektricniAutomobil, Direktor> func = ZaduzenZa;
 Func<ElektricniAutomobil, Osoba> func = ZaduzenZa;
c)
 Func<Vozilo, Direktor> func = ZaduzenZa;
d)
 Func<Vozilo, Osoba> func = ZaduzenZa;
 )
 Func<Vozilo, ElektricniAutomobil> func = ZaduzenZa;
           Automobil
                        ElektricniAutomobil
Vozilo
Vozilo
           Motocikl
0soba
          Djelatnik
                       Direktor
           void Zaduzi(Automobil a, Djelatnik D)
 Action<Vozilo, Direktor> action = Zaduzi;
 Func<ElektricniAutomobil, Osoba> action = Zaduzi;
```

```
Action<Vozilo, Osoba> action = Zaduzi;
d)
 Action<ElektricniAutomobil, Direktor> action = Zaduzi;
 Action<ElektricniAutomobil, Osoba> action = Zaduzi;
              %
a)
d)
                           Artikl
```

```
using (var context = new FirmaContext())
 {
          List<Artikl> artikli = context.Artikl
                  .AsNoTracking()
                  .Where(a => a.SifArtikla < 3)</pre>
                   .ToList();
          artikli[0].CijArtikla += 10m;
          artikli[1].CijArtikla = artikli[0].CijArtikla;
          context.SaveChanges();
 }
a)
     SELECT
                   UPDATE
d)
 )
b)
a)
                        IConnectionStringTool
                                                                            {\tt ConnectionStringTool}
FirmaContext
                                                            {\tt IConnectionStringTool}
                                                   FirmaContext
```

```
b)
```

```
private static IServiceProvider serviceProvider;
public static void Main(string[] args) {
        serviceProvider = new ServiceCollection()
                .AddSingleton<IConnectionStringTool, ConnectionStringTool>()
                .AddTransient<FirmaContext, FirmaContext>()
                .BuildServiceProvider();
        FirmaContext ctx = serviceProvider.GetService<FirmaContext>();
}
                             Stavka
                     1
                     2
                     3
int sum = 0;
var upit = context.Artikl
        .Include(a => a.Stavka)
        .AsNoTracking()
        .Where(a => a.SifArtikla >=1 && a.SifArtikla <= 3)</pre>
        .ToList();
foreach (Artikl artikl in upit) {
        sum += artikl.Stavka.Count();
}
```

d) SELECT

```
using(var context = new FirmaContext()) {
 var x = context.Artikl
       .Select(a => new {
             a.SifArtikla, a.NazArtikla, a.CijArtikla,
       })
       .First();
 }
 ) IEnumerable
                                     SifArtikla NazArtikla CijArtikla
d)
                                            NazArtikla CijArtikla SifArtikla
                                                          )
a)
a)
a)
```

```
c)
a)
 )
                          #
)
d)
                   Postupak()
a) base.Postupak();
 )
return NotFound()
a)
```

```
a)
a)
 [ProducesResponseType((int) HttpStatusCode.NotFound)]
 public async Task<IActionResult> Get(string sifArtikla)
 )
 [ProducesResponseType(typeof(IActionResult), (int) HttpStatusCode.OK)]
 [ProducesResponseType((int) HttpStatusCode.NotFound)]
 public async Task<IActionResult> Get(string sifArtikla)
c)
  [ProducesResponseType(typeof(Artikl), (int) HttpStatusCode.OK)]
 [ProducesResponseType((int) HttpStatusCode.NotFound)]
 public async Task<IActionResult> Get(string sifArtikla)
a)
c)
d)
```

```
c)
c)
d)
                                                                )
a)
```

```
in
                                                   public interface IComparer<in T>
a)
 static void Main(string[] args)
 {
         Action<int, string, Func<char, string, int>> action = (i, s, f) => Console.WriteLin
         action(4, "This is not an easy question", (x, s) =>
                 int sum = 0;
                 foreach (var c in s) {
                         if (x == c)
                                 ++sum;
                 return sum;
         });
 }
a) 5
) 4
a)
```

```
b)
 ) ExceptionFilter
 ) BadRequest
 ) NotFound
d) ProblemDetails
 ) ActionResult
b)
a)
```

```
[ApiController]
 [Route("[controller]")]
 public class CitiesController : ControllerBase {
         [HttpDelete("{id}", Name = "DeleteCity")]
         public async Task<IActionResult> DeleteCity(int id)
 }
 ) .../cities/deletecity/100
b) .../cities/100
) .../cities/delete?id=100
) .../cities/deletecity?id=100
 ) .../cities/delete/100
 public class MjestoController : ControllerBase {
         [HttpPost]
         public IActionResult Create(MjestoViewModel model)
 }
b)
                      https://server/app/mjesto https://server/app/drzava
```

) **c)**

)