

# T.C. Çanakkale Onsekiz Mart Üniversitesi

## Bilgisayar Mühendisliği Bölümü



### Ontoloji Mühendisliği Dersi

**Proje Konusu** *Mağaza ve Yönetim Sistemi*

**Proje Sahibi** *130401027 Hatice ERTÜRK*

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## İÇİNDEKİLER

Jena ile Oluşturulmuş Kod Sonucu Oluşan OWL.....	2
Java Metotları .....	17
Class Oluşturma .....	17
Object Property Oluşturma .....	17
Data Type Property Oluşturma .....	17
Individual Oluşturma .....	18
Object Individual Ekleme .....	18
addIndividual Metotu .....	18
removeIndividuals Metotu .....	18
removeAxiom Metotu .....	19

## Jena ile yazılmış kod sonucunda oluşan OWL:

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  <rdfs:domain
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#Urun"/>
  </owl:DatatypeProperty>
  <owl:DatatypeProperty
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#calisanSayisi">
  <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#nonNegativeInteger"/>
  <rdfs:domain
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#Magaza"/>
  </owl:DatatypeProperty>
  <owl:DatatypeProperty
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#indirimMiktari">
  <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
  <rdfs:domain
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#Indirimler"/>
  </owl:DatatypeProperty>

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    <owl:DatatypeProperty
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#stok">
    <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#nonNegativeInteger"/>
    <rdfs:domain
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#Urun"/>
    </owl:DatatypeProperty>
    <owl:DatatypeProperty
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    <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
    <rdfs:domain
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#MagazaAdresi"/
>
    <rdfs:domain
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#CalisanAdresi"
/>
    </owl:DatatypeProperty>
    <owl:DatatypeProperty
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#soyadi">
    <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
    <rdfs:domain
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#Calisan"/>
    </owl:DatatypeProperty>
    <owl:DatatypeProperty
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#toplamUcreti">
    <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#double"/>
    <rdfs:domain
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#Satis"/>
    </owl:DatatypeProperty>
    <owl:DatatypeProperty
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#acikAdresi">
    <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
    <rdfs:domain
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>
    <rdfs:domain
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#CalisanAdresi"
/>
    </owl:DatatypeProperty>
    <owl:DatatypeProperty
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    <rdfs:domain
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#Urun"/>
    </owl:DatatypeProperty>
    <owl:DatatypeProperty
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#kimligi">
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    <rdfs:domain
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#Musteri"/>
    </owl:DatatypeProperty>
    <owl:DatatypeProperty
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    <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
    <rdfs:domain
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#Magaza"/>
    </owl:DatatypeProperty>
    <owl:DatatypeProperty
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#numarasi">
    <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
    <rdfs:domain>
    <owl:Restriction>
    <owl:allValuesFrom
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#IsTelefonu"/>
    <owl:onProperty
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#soyadi"/>

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        </owl:Restriction>
        </rdfs:domain>
        <rdfs:domain>
        <owl:Restriction>
        <owl:allValuesFrom
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        <owl:onProperty
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#soyadi" />
        </owl:Restriction>
        </rdfs:domain>
        <rdfs:domain>
        <owl:Restriction>
        <owl:allValuesFrom
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        <owl:onProperty
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#soyadi" />
        </owl:Restriction>
        </rdfs:domain>
        </owl:DatatypeProperty>
        <owl:DatatypeProperty
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        <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#string" />
        <rdfs:domain
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#Urun" />
        </owl:DatatypeProperty>
        <owl:TransitiveProperty
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        <rdfs:range
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#Urun" />
        <rdfs:domain
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#UrunKategorile
ri" />
        <rdfs:range
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#UrunKategorile
ri" />
        <rdfs:domain
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#Magaza" />
        <rdfs:type rdf:resource="http://www.w3.org/2002/07/owl#ObjectProperty" />
        </owl:TransitiveProperty>
        <owl:SymmetricProperty
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        <rdfs:range
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#Magaza" />
        <rdfs:domain
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#Magaza" />
        <rdfs:type rdf:resource="http://www.w3.org/2002/07/owl#ObjectProperty" />
        </owl:SymmetricProperty>
        <owl:FunctionalProperty
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        <rdfs:range
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#UrunKategorile
ri" />
        <rdfs:domain
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#Urun" />
        <rdfs:type rdf:resource="http://www.w3.org/2002/07/owl#ObjectProperty" />
        </owl:FunctionalProperty>
        <owl:InverseFunctionalProperty
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#adresi">
        <rdfs:range
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#MagazaAdresi" /
>
        <rdfs:range
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#CalisanAdresi"
/>
        <rdfs:domain

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rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#Calisan"/>
  <rdfs:domain
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#Magaza"/>
  <rdf:type rdf:resource="http://www.w3.org/2002/07/owl#ObjectProperty"/>
  </owl:InverseFunctionalProperty>
  <j.0:IcGiyimKategorisi
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#urunKategorisi4">
  <j.0:vardir>
  <j.0:Urun
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#urun7">
  <j.0:urunTuru>Erkek</j.0:urunTuru>
  <j.0:fiyati rdf:datatype="http://www.w3.org/2001/XMLSchema#double"
>10.0</j.0:fiyati>
  <j.0:stok rdf:datatype="http://www.w3.org/2001/XMLSchema#int"
>200</j.0:stok>
  <j.0:barkodu>1212121212121</j.0:barkodu>
  <j.0:adi>Atlet</j.0:adi>
  <j.0:aittir>
  <j.0:AksesuarKategorisi
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#urunKategorisi5">
  <j.0:vardir>
  <j.0:Urun
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#urun8">
  <j.0:urunTuru>Kadın</j.0:urunTuru>
  <j.0:fiyati rdf:datatype="http://www.w3.org/2001/XMLSchema#double"
>25.0</j.0:fiyati>
  <j.0:stok rdf:datatype="http://www.w3.org/2001/XMLSchema#int"
>30</j.0:stok>
  <j.0:barkodu>1313131313131</j.0:barkodu>
  <j.0:adi>Kolye</j.0:adi>
  </j.0:Urun>
  </j.0:vardir>
</j.0:AksesuarKategorisi>
</j.0:aittir>
</j.0:Urun>
</j.0:vardir>
</j.0:IcGiyimKategorisi>
<j.0:Calisan
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#calisan5">
  <j.0:soyadi>Altınel</j.0:soyadi>
  <j.0:adi>Leyla</j.0:adi>
  <j.0:cinsiyeti>
  <j.0:Kadın
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#cinsiyet1"/>
  </j.0:cinsiyeti>
  <j.0:telefonu>
  <j.0:EvTelefonu
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#evTelefonu1">
  <j.0:numarasi>(312)-444-44-44</j.0:numarasi>
  </j.0:EvTelefonu>
  </j.0:telefonu>
  <j.0:adresi>
  <j.0:CalisanAdresi
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#calisanAdresi5">
  <j.0:acikAdresi>Berivan Cad. Saz Sk. No:2</j.0:acikAdresi>
  <j.0:ilcesi>Ayaş</j.0:ilcesi>
  <j.0:ili>Ankara</j.0:ili>
  </j.0:CalisanAdresi>
  </j.0:adresi>
  <j.0:pozisyonu>
  <j.0:Mudur
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#pozisyon1"/>
  </j.0:pozisyonu>
  <j.0:icerir>
  <j.0:Magaza

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rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#magaza2"/>
  <j.0:icerir>
  <j.0:calisanTipi>
  <j.0:CalismaZamani
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#calismaZamani1"/>
  </j.0:calisanTipi>
  </j.0:Calisan>
  <j.0:CalismaZamani
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#calismaZamani2"/>
  <j.0:Urun
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#urun5">
  <j.0:urunTuru>Erkek</j.0:urunTuru>
  <j.0:fiyati rdf:datatype="http://www.w3.org/2001/XMLSchema#double"
  >350.99</j.0:fiyati>
  <j.0:stok rdf:datatype="http://www.w3.org/2001/XMLSchema#int"
  >45</j.0:stok>
  <j.0:barkodu>4356789872145</j.0:barkodu>
  <j.0:adi>Bot</j.0:adi>
  <j.0:aittir>
  <j.0:AyakkibiKategorisi
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#urunKategorisi3">
  <j.0:vardir>
  <j.0:Urun
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#urun6">
  <j.0:urunTuru>Kadın</j.0:urunTuru>
  <j.0:fiyati rdf:datatype="http://www.w3.org/2001/XMLSchema#double"
  >40.0</j.0:fiyati>
  <j.0:stok rdf:datatype="http://www.w3.org/2001/XMLSchema#int"
  >100</j.0:stok>
  <j.0:barkodu>1009908070600</j.0:barkodu>
  <j.0:adi>Babet</j.0:adi>
  <j.0:aittir
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#urunKategorisi
3"/>
  </j.0:Urun>
  </j.0:vardir>
  </j.0:AyakkibiKategorisi>
  </j.0:aittir>
  </j.0:Urun>
  <j.0:Calisan
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#calisan4">
  <j.0:soyadi>Biricik</j.0:soyadi>
  <j.0:adi>Gülten</j.0:adi>
  <j.0:cinsiyeti
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#cinsiyet1"/>
  <j.0:calisanTipi
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#calismaZamani1
"/>
  <j.0:calisir
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#magaza2"/>
  <j.0:pozisyonu>
  <j.0:Temizlikci
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#pozisyon4"/>
  </j.0:pozisyonu>
  <j.0:telefonu>
  <j.0:IsTelefonu
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#isTelefonu2">
  <j.0:numarasi>(543)-333-33-33</j.0:numarasi>
  </j.0:IsTelefonu>
  </j.0:telefonu>
  <j.0:adresi>
  <j.0:CalisanAdresi
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#calisanAdresi4">
  <j.0:acikAdresi>Avrupa Cad. Duran Sk. No:2</j.0:acikAdresi>
  <j.0:ilcesi>Akyurt</j.0:ilcesi>

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        <j.0:ili>Ankara</j.0:ili>
        </j.0:CalisanAdresi>
        </j.0:adresi>
    </j.0:Calisan>
    <j.0:SevgililerGunu
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#indirim3">
        <j.0:indirimMiktari>%10</j.0:indirimMiktari>
        <j.0:icindir>
        <j.0:Normal
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#musteri4">
        <j.0:telefonNumarasi>(542)-888-88-88</j.0:telefonNumarasi>
        <j.0:kimligi>20113453234</j.0:kimligi>
        <j.0:adi>Didem Tok</j.0:adi>
        <j.0:cinsiyeti
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#cinsiyet1"/>
        <j.0:alir>
        <j.0:Satis
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#satis4">
        <j.0:toplamUcreti rdf:datatype="http://www.w3.org/2001/XMLSchema#double"
            >40.0</j.0:toplamUcreti>
        </j.0:Satis>
        </j.0:alir>
        </j.0:Normal>
        </j.0:icindir>
    </j.0:SevgililerGunu>
    <j.0:Calisan
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#calisan3">
        <j.0:soyadi>Akasya</j.0:soyadi>
        <j.0:adi>Mert</j.0:adi>
        <j.0:cinsiyeti>
        <j.0:Erkek
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#cinsiyet2"/>
        </j.0:cinsiyeti>
        <j.0:calisanTipi
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#calismaZamani1"
"/>
        <j.0:calisir
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#magaza2"/>
        <j.0:telefonu>
        <j.0:CepTelefonu
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#cepTelefonu2">
        <j.0:numarasi>(531)-222-22-22</j.0:numarasi>
        </j.0:CepTelefonu>
        </j.0:telefonu>
        <j.0:pozisyonu>
        <j.0:Satici
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#pozisyon3"/>
        </j.0:pozisyonu>
        <j.0:adresi>
        <j.0:CalisanAdresi
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#calisanAdresi3">
        <j.0:acikAdresi>Asya Cad. Milli Sk. No:3</j.0:acikAdresi>
        <j.0:ilcesi>Merkez</j.0:ilcesi>
        <j.0:ili>Ankara</j.0:ili>
        </j.0:CalisanAdresi>
        </j.0:adresi>
    </j.0:Calisan>
    <j.0:Urun
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#urun3">
        <j.0:urunTuru>Kadın</j.0:urunTuru>
        <j.0:fiyati rdf:datatype="http://www.w3.org/2001/XMLSchema#double"
            >81.99</j.0:fiyati>
        <j.0:stok rdf:datatype="http://www.w3.org/2001/XMLSchema#int"
            >20</j.0:stok>
        <j.0:barkodu>5544221133667</j.0:barkodu>

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        <j.0:adi>Pantolon</j.0:adi>
        <j.0:aittir>
        <j.0:AltGiyimKategorisi
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#urunKategorisi2">
        <j.0:vardir>
        <j.0:Urun
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#urun4">
        <j.0:urunTuru>Çocuk</j.0:urunTuru>
        <j.0:fiyati rdf:datatype="http://www.w3.org/2001/XMLSchema#double"
        >25.0</j.0:fiyati>
        <j.0:stok rdf:datatype="http://www.w3.org/2001/XMLSchema#int"
        >50</j.0:stok>
        <j.0:barkodu>9999900000888</j.0:barkodu>
        <j.0:adi>Şort</j.0:adi>
        <j.0:aittir
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#urunKategorisi
2"/>
        </j.0:Urun>
        </j.0:vardir>
        </j.0:AltGiyimKategorisi>
        </j.0:aittir>
        </j.0:Urun>
        <j.0:Yilbasi
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#indirim4">
        <j.0:indirimMiktari>%5</j.0:indirimMiktari>
        <j.0:icindir
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#musteri4"/>
        </j.0:Yilbasi>
        <j.0:CepTelefonu
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#cepTelefonu1">
        <j.0:numarasi>(542)-222-22-22</j.0:numarasi>
        </j.0:CepTelefonu>
        <j.0:Urun
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#urun1">
        <j.0:urunTuru>Erkek</j.0:urunTuru>
        <j.0:fiyati rdf:datatype="http://www.w3.org/2001/XMLSchema#double"
        >35.9</j.0:fiyati>
        <j.0:stok rdf:datatype="http://www.w3.org/2001/XMLSchema#int"
        >45</j.0:stok>
        <j.0:barkodu>1234567891021</j.0:barkodu>
        <j.0:adi>Kazak</j.0:adi>
        <j.0:aittir>
        <j.0:UstGiyimKategorisi
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#urunKategorisi1">
        <j.0:vardir>
        <j.0:Urun
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#urun2">
        <j.0:urunTuru>Kadın</j.0:urunTuru>
        <j.0:fiyati rdf:datatype="http://www.w3.org/2001/XMLSchema#double"
        >81.99</j.0:fiyati>
        <j.0:stok rdf:datatype="http://www.w3.org/2001/XMLSchema#int"
        >100</j.0:stok>
        <j.0:barkodu>9128651237564</j.0:barkodu>
        <j.0:adi>Gömlek</j.0:adi>
        <j.0:aittir
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#urunKategorisi
1"/>
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        </j.0:vardir>
        </j.0:UstGiyimKategorisi>
        </j.0:aittir>
        </j.0:Urun>
        <j.0:MusteriyeOzel
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        <j.0:indirimMiktari>%50</j.0:indirimMiktari>

```

```

    <j.0:ozeldir>
    <j.0:Gazi
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    <j.0:telefonNumarasi>(538)-115-20-42</j.0:telefonNumarasi>
    <j.0:kimligi>5555555555</j.0:kimligi>
    <j.0:adi>Kenan Deliyürek</j.0:adi>
    <j.0:cinsiyeti
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#cinsiyet2"/>
    <j.0:satilir
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#musteri4"/>
    <j.0:icerir
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#musteri4"/>
    <j.0:alir>
    <j.0:Satis
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#satis3">
    <j.0:toplamUcreti rdf:datatype="http://www.w3.org/2001/XMLSchema#double"
    >400.99</j.0:toplamUcreti>
    </j.0:Satis>
    </j.0:alir>
    </j.0:Gazi>
    </j.0:ozeldir>
    </j.0:MusteriyeOzel>
    <j.0:Calisan
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#calisan1">
    <j.0:soyadi>Deniz</j.0:soyadi>
    <j.0:adi>Derya</j.0:adi>
    <j.0:cinsiyeti
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    <j.0:calisir>
    <j.0:Magaza
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#magaza1">
    <j.0:calisanSayisi>2</j.0:calisanSayisi>
    <j.0:adi>HM Waikiki</j.0:adi>
    <j.0:magazaKodu>001</j.0:magazaKodu>
    <j.0:indirimGunleri>
    <j.0:OgretmenlerGunu
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#indirim2">
    <j.0:indirimMiktari>%20</j.0:indirimMiktari>
    <j.0:icindir
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#musteri4"/>
    </j.0:OgretmenlerGunu>
    </j.0:indirimGunleri>
    <j.0:rakibi
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    <j.0:adresi>
    <j.0:MagazaAdresi
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#magazaAdresi1">
    <j.0:acikAdresi>Cumhuriyet Caddesi İpek Sokak No:3</j.0:acikAdresi>
    <j.0:ilcesi>Orhangazi</j.0:ilcesi>
    <j.0:ili>Bursa</j.0:ili>
    </j.0:MagazaAdresi>
    </j.0:adresi>
    <j.0:vardir
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#urunKategorisi
1"/>
    <j.0:sahiptir>
    <j.0:Calisan
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#calisan2">
    <j.0:soyadi>Taba</j.0:soyadi>
    <j.0:adi>Buğra</j.0:adi>
    <j.0:cinsiyeti
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#cinsiyet2"/>
    <j.0:calisanTipi
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#calismaZamani1
"/>

```



```

        <j.0:adresi>
        <j.0:CalisanAdresi
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#calisanAdresi2">
        <j.0:acikAdresi>Avrupa Cad. Derya Sk. No:1 Yıldırım</j.0:acikAdresi>
        <j.0:ilcesi>Merkez</j.0:ilcesi>
        <j.0:ili>Bursa</j.0:ili>
        </j.0:CalisanAdresi>
        </j.0:adresi>
        <j.0:calisir
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        <j.0:telefonu
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#calisanAdresi5
"/>
        <j.0:pozisyonu>
        <j.0:Kasiyer
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        </j.0:pozisyonu>
        </j.0:Calisan>
        </j.0:sahiptir>
        </j.0:Magaza>
        </j.0:calisir>
        <j.0:calisanTipi
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#calismaZamani1
"/>
        <j.0:adresi>
        <j.0:CalisanAdresi
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        <j.0:acikAdresi>Asya Cad. Milli Sk. No:3</j.0:acikAdresi>
        <j.0:ilcesi>Osmangazi</j.0:ilcesi>
        <j.0:ili>Bursa</j.0:ili>
        </j.0:CalisanAdresi>
        </j.0:adresi>
        <j.0:pozisyonu
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#pozisyon1"/>
        <j.0:telefonu>
        <j.0:IsTelefonu
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#isTelefonu1">
        <j.0:numarasi>(531)-111-11-11</j.0:numarasi>
        </j.0:IsTelefonu>
        </j.0:telefonu>
        </j.0:Calisan>
        <j.0:Engelli
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#musteri1">
        <j.0:telefonNumarasi>(532)-145-21-45</j.0:telefonNumarasi>
        <j.0:kimligi>24135763212</j.0:kimligi>
        <j.0:adi>Arda Sazan</j.0:adi>
        <j.0:cinsiyeti
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#cinsiyet2"/>
        <j.0:satilir>
        <j.0:Normal
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#musteri3">
        <j.0:telefonNumarasi>(505)-471-23-65</j.0:telefonNumarasi>
        <j.0:kimligi>55544667721</j.0:kimligi>
        <j.0:adi>Aslı Şahin</j.0:adi>
        <j.0:cinsiyeti
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#cinsiyet1"/>
        <j.0:alir>
        <j.0:Satis
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#satis2">
        <j.0:toplamUcreti rdf:datatype="http://www.w3.org/2001/XMLSchema#double"
        >25.0</j.0:toplamUcreti>
        <j.0:satilir
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#musteri2"/>
        <j.0:icerir
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#urun4"/>

```

```

        </j.0:Satis>
        </j.0:alir>
        </j.0:Normal>
        </j.0:satilir>
        <j.0:icerir
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#musteri3"/>
        <j.0:alir>
        <j.0:Satis
rdf:about="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#satis1">
        <j.0:toplamUcreti rdf:datatype="http://www.w3.org/2001/XMLSchema#double"
        >60.9</j.0:toplamUcreti>
        <j.0:satilir
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#musteri1"/>
        <j.0:icerir
rdf:resource="http://www.haticeerturk.com/ontology/magazaVeYonetimSistemi#musteri1"/>
        </j.0:Satis>
        </j.0:alir>
    </j.0:Engelli>
</rdf:RDF>

```

## Java Metotları:

### - Class Oluşturma:

```

public static void createClass(List<String> classNames){
    classNames.forEach(
        (c)->{
            ontClasses.add(ontModel.createClass(Config.NS+c));
        }
    );
}

```

### - Object Property Oluşturma:

```

public static void createObjectProperties(List<String> objectPropertyNames){
    objectPropertyNames.forEach(
        (o)->{
            objectProperties.add(ontModel.createObjectProperty(Config.NS+o));
        }
    );
}

```

### - Data Type Property Oluşturma:

```

public static void createDataTypeProperty(List<String> dataTypePropertyNames){
    dataTypePropertyNames.forEach(
        (d)->{
            dataProperties.add(ontModel.createDatatypeProperty(Config.NS+d));
        }
    );
}

```

- **Individual Oluşturma:**

```
public static void createIndividual(List<String> individualNames){
    individualNames.forEach(
        (i)->{
            String[] parts = i.split("-");

            individuals.add(ontModel.createIndividual(Config.NS+parts[0],
ontClasses.get(Integer.parseInt(parts[1]))));
        }
    );
}
```

- **Object Individual Ekleme:**

```
public static void addObjIndv(List<String> indObjProps){
    indObjProps.forEach(
        (io)->{
            String[] parts = io.split("-");

            individuals.get(Integer.parseInt(parts[0])).setProperty(
objectProperties.get(Integer.parseInt(parts[1])), individuals.get(Integer.parseInt(parts[2])));
        }
    );
}
```

- **addIndividual Metodu:**

```
public static Individual addIndividual(String ID, String typeName, String propName,
Individual indv){
    Individual individual = ontModel.createIndividual(Config.NS+ID,
ontClasses.get(classNames.indexOf(typeName)));

    individual.setProperty(objectProperties.get(objectPropertyNames.indexOf(propName)),
indv);

    return individual;
}
```

- **removeIndividuals Metodu:**

```
public static List<Individual> removeIndividuals(String TypeName){
    OntClass deleted = ontClasses.get(classNames.indexOf(TypeName));
    individuals.forEach(
        (i)->{
            if(i.hasOntClass(deleted)){
                i.remove();
            }
            else{
                newIndividuals.add(i);
            }
        }
    );
    return newIndividuals;
}
```

- **removeAxiom** Metotu:

```
public static void removeAxiom(Individual ind, ObjectProperty prop){
    System.out.println(individuals.indexOf(ind));
    System.out.println(objectProperties.indexOf(prop));
    indObjProp.forEach(
        (o)->{
            String[] parts = o.split("-");
            if(Integer.parseInt(parts[0]) == individuals.indexOf(ind) &&
Integer.parseInt(parts[1]) == objectProperties.indexOf(prop)){
                individuals.get(Integer.parseInt(parts[2])).remove();
            }
        }
    );
}
```