

# KMUI 38

# BİLGİSAYAR PROGRAMLAMA

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KOŞULLU KONTROL

# Kaynaklar

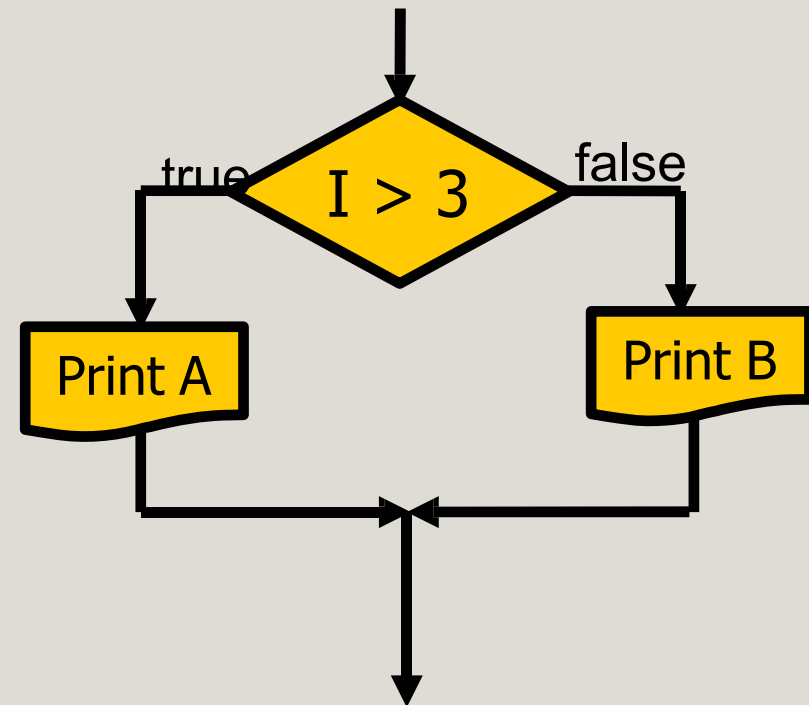
- 1.Pratap, R. “Getting Started with MATLAB: A Quick Introduction for Scientists and Engineers”Oxford University Press, 2010.
- 2.Hunt, B.R., Lipsman, L.R. and Rosemberg J. M. “A guide to MATLAB for Beginners and ExperiencedUsers"Cambridge University Press, 2001.
- 3.Kubat, C. “MATLAB Yapay Zeka ve Mühendislik Uygulamaları” İkinci Baskı, Pusula Yayıncılık, 2014McGraw Hill, International Edition 2012.

## MATLAB İFADE TÜRLERİ (KOŞULLAR)

### Koşullar:

---

```
if <koşul>  
    <komutlar>  
else  
    <komutlar>  
end
```

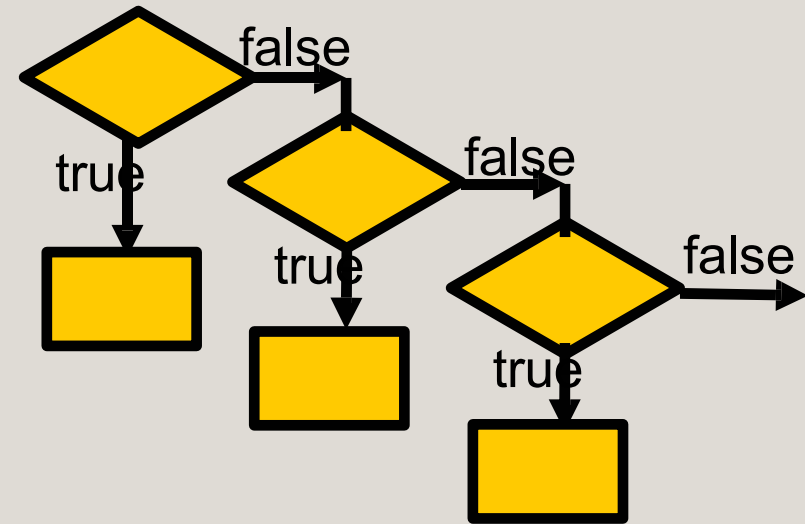


## Matlab İfade türleri (Koşullar)

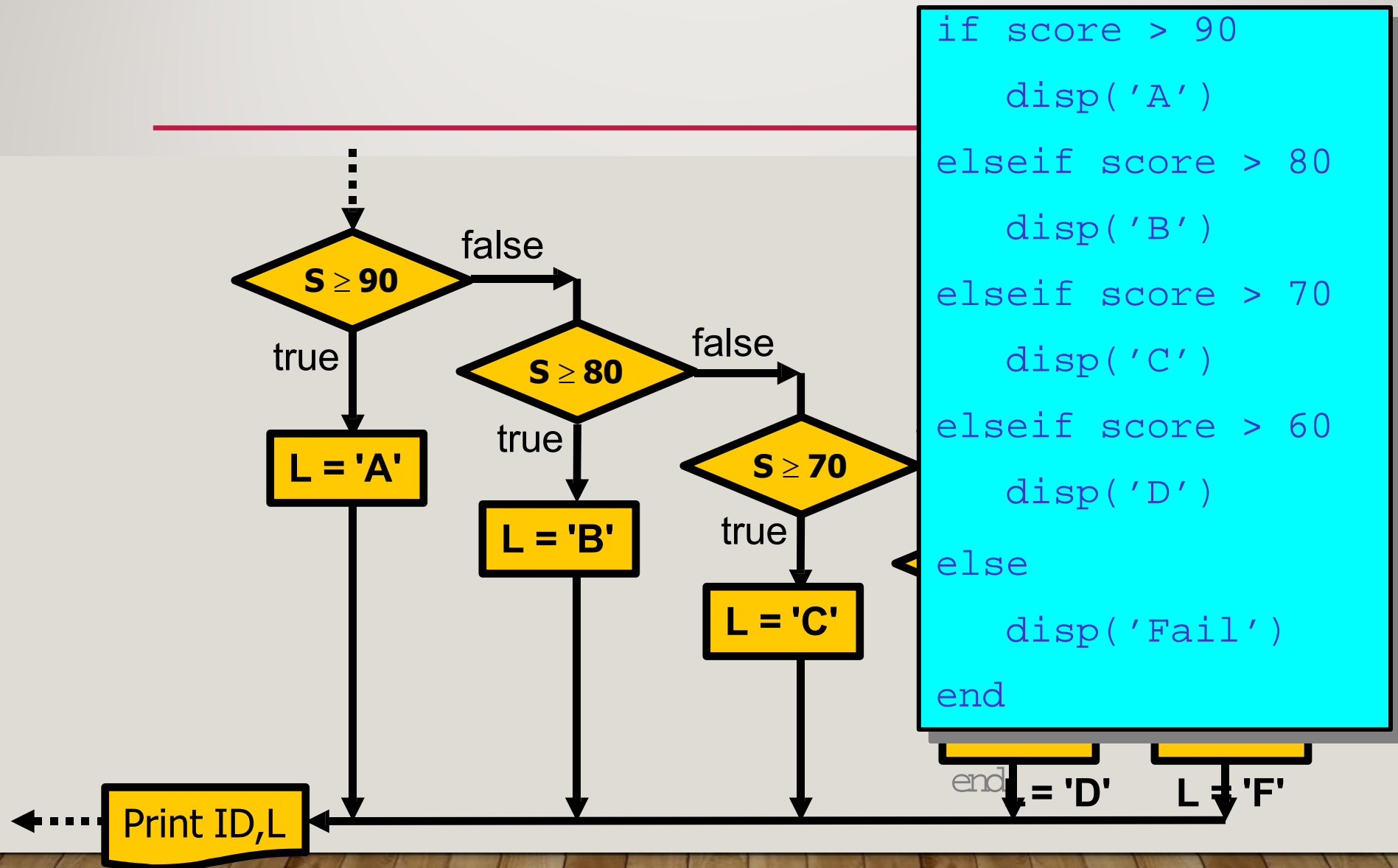
### Kaskad koşullar:

---

```
if <koşul>  
    <komutlar>  
elseif <koşul >  
    <komutlar >  
else  
    <komutlar>  
end
```



# MATLAB İFADE TÜRLERİ (KASKAD KOŞULLAR)



# ÖRNEKLER

---

i=6; j=21;

if i>5

k=i;

elseif (i>1) & (j==20)

k=5\*i+j;

else

k=1;

end

# ÖRNEKLER

---

```
T=8;
if T<10
V=(60/10)*T;
elseif (T>=10) & (T<25)
V=60;
else
V=60-(60/10)*(T-25);
end
X=['V = ', num2str(V)];
disp(X)
```

# ÖRNEKLER

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```
T=input('Enter T:');  
if T<10  
V=(60/10)*T;  
elseif (T>=10) & (T<25)  
V=60;  
else  
V=60-(60/10)*(T-25);  
end  
X=['V = ', num2str(V)];  
disp(X)
```