MustafaAtaTürkcan_exp4 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks

Main [OB1]

Main Properties						
General						
Name	Main	**Number**	1	**Type**	OB	
Language	LAD	**Numbering**	Automatic			
Information						
Title	"Main Program Sweep (Cycle)"	**Author**		**Comment**		
Family		**Version**	0.1	**User-defined ID**		

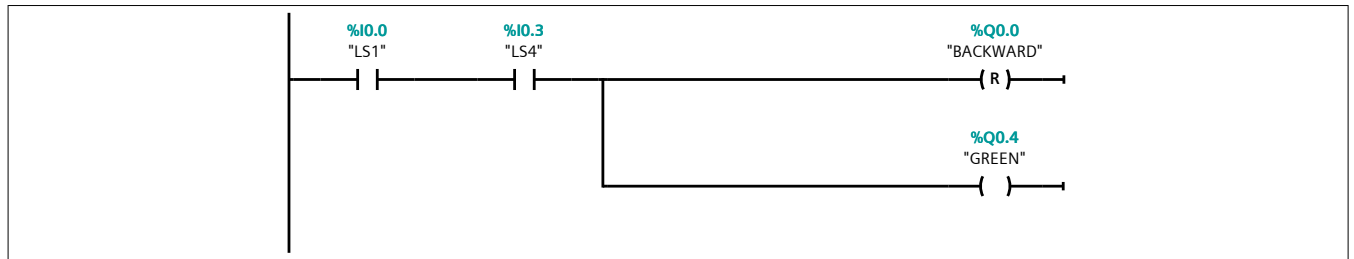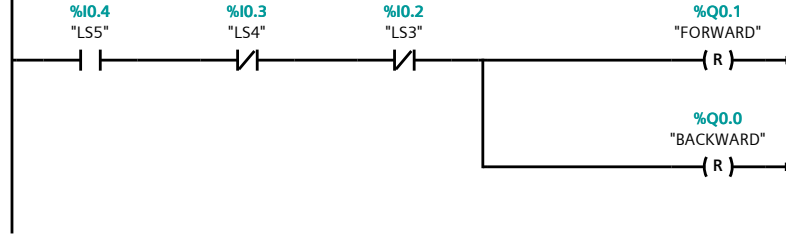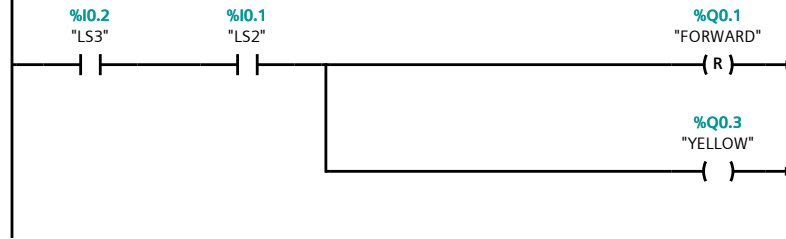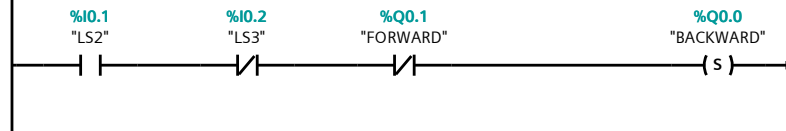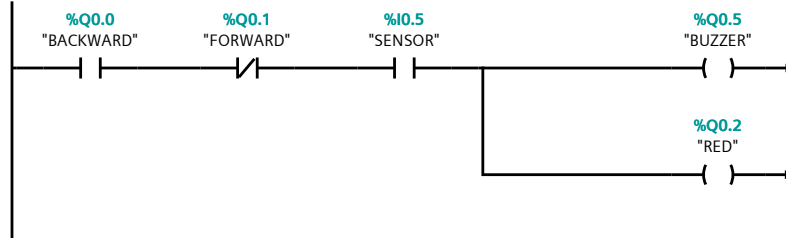| Main			
Name	**Data type**	**Default value**	**Comment**
▼ Input			
Initial_Call	Bool		Initial call of this OB
Remanence	Bool		=True, if remanent data are available
Temp			
Constant			

Network 1: LARGE-SIZED RECOGNIZED
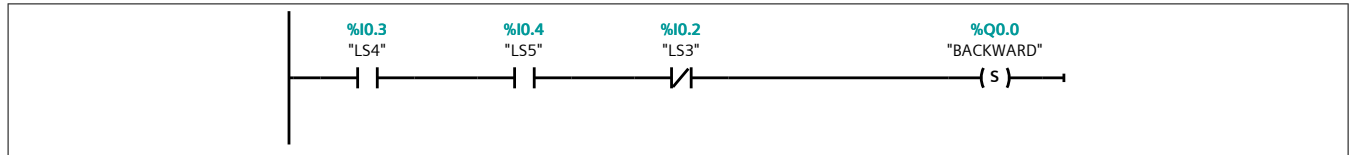
Network 2: SMALL-SIZE RECOGNIZED
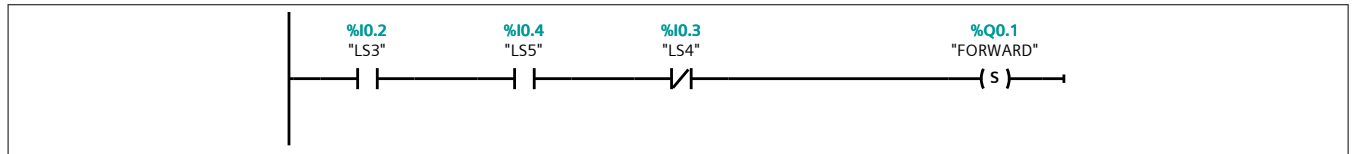
Network 3: BİRİNCİ BÖLÜME VARIŞ

Network 4: BİRİNCİ BÖLÜMDEN BAŞLANGIÇ KONUMUNA DÖNÜŞ

```
    %Q0.0        %I0.0        %I0.3                    %Q0.1
  "BACKWARD"     "LS1"        "LS4"                  "FORWARD"
    ─┤/├─────────┤ ├─────────┤/├────────────────────( S )───
```
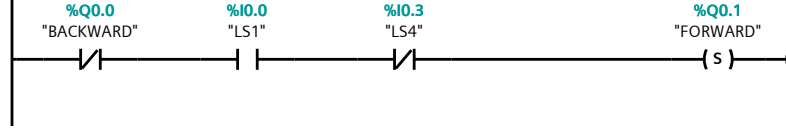
Network 5: BAŞLANGIÇ KONUMUNDA BEKLE

```
    %I0.4        %I0.3        %I0.2                    %Q0.1
    "LS5"        "LS4"        "LS3"                  "FORWARD"
    ─┤ ├─────────┤/├─────────┤/├────────────┬───────( R )───
                                            │
                                            │         %Q0.0
                                            │       "BACKWARD"
                                            └───────( R )───
```

Network 6: İKİNCİ BÖLÜME VARIŞ

```
    %I0.2        %I0.1                                 %Q0.1
    "LS3"        "LS2"                               "FORWARD"
    ─┤ ├─────────┤ ├────────────────────────┬───────( R )───
                                            │
                                            │         %Q0.3
                                            │        "YELLOW"
                                            └───────( )─────
```

Network 7: İKİNCİ BÖLÜMDEN BAŞLANGIÇ KONUMUNA DÖNÜŞ

```
    %I0.1        %I0.2        %Q0.1                    %Q0.0
    "LS2"        "LS3"       "FORWARD"               "BACKWARD"
    ─┤ ├─────────┤/├─────────┤/├────────────────────( S )───
```

Network 8: GERİ GİDERKEN HATA DURUMU

```
    %Q0.0        %Q0.1        %I0.5                    %Q0.5
  "BACKWARD"   "FORWARD"     "SENSOR"                "BUZZER"
    ─┤ ├─────────┤/├─────────┤ ├────────────┬───────( )─────
                                            │
                                            │         %Q0.2
                                            │         "RED"
                                            └───────( )─────
```

Network 9: İLERİ GİDERKEN HATA DURUMU

```
%Q0.1          %Q0.0         %I0.5                    %Q0.5
"FORWARD"      "BACKWARD"    "SENSOR"                 "BUZZER"
  ┤ ├           ┤/├           ┤ ├                      ( )

                                                      %Q0.2
                                                      "RED"
                                                      ( )
```
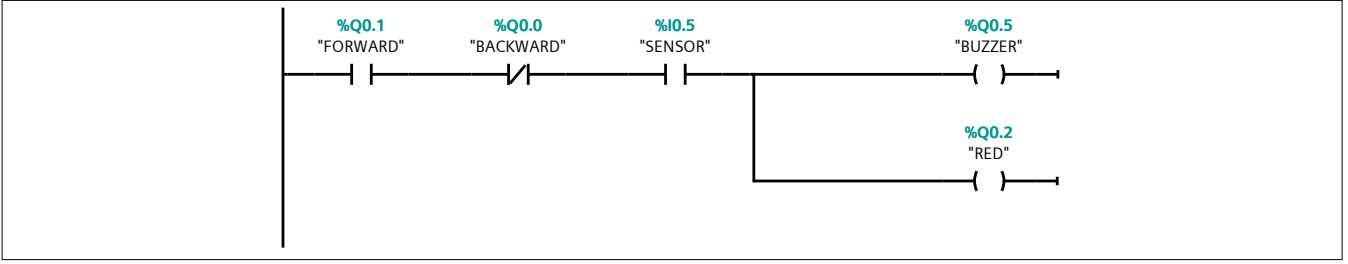
Network 10: HATA VARSA MOTORLARI DURDUR

```
%Q0.5                                      %Q0.1
"BUZZER"                                    "FORWARD"
  ┤ ├                                        (R)

                                           %Q0.0
                                           "BACKWARD"
                                             (R)
```