

# DSbasic automatic control program

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## 1. BASIC Program

```
screen(7)
```

```
s88start
```

```
print "DSair2 BASIC DEMO"
```

```
addr = getslotaddr(0)
```

```
print "locaddr=";addr
```

```
'straight
```

```
print "Turnout Straight"
```

```
acc 1,1
```

```
acc 3,1
```

```
dir addr,1
```

```
fnc addr,0,1
```

```
fnc addr,1,1
```

```
sleep 20000
```

```
fnx addr,2
```

```
sleep 1000
```

```
print "Goto Place 1"
```

```
spd addr,400
```

```
sleep 2000
```

```
while s88get(1)=0
```

```
sleep 333
```

```
wend
```

```
print "S88 Adr.1 Detected"
```

```
sleep 500  
spd addr,0  
sleep 5000
```

```
'diverse  
print "Turnout diverse"  
acc 1,0  
acc 3,0
```

```
'wait  
dir addr,2  
sleep 2000  
fnx addr,2  
sleep 5000
```

```
print "Goto Place 2"  
spd addr,300  
sleep 2000
```

```
while s88get(2)=0  
sleep 333  
wend
```

```
print "S88 Adr.2 Detected"  
sleep 3000  
spd addr,0  
sleep 5000
```

```
sleep 5000  
dir addr,1
```

```
'straight  
print "Turnout Straight"  
acc 1,1  
acc 3,1
```

```
print "Goto Place initial"  
spd addr,300  
sleep 15000  
spd addr,0
```

```
print "Loco shut down"  
sleep 8000  
fnc addr,0,0  
fnc addr,1,0  
sleep 30000
```

```
print "Sequence end."
```

```
end
```