

```
VAR
FBPanelOut : PanelOut; (* FB PanelOut *)
MyValue : UINT; (* Value to print *)
Pulse : BOOL; (* Auxiliary pulse *)
Fp : FILEP; (* Port COM0 file pointer *)
TxChars : INT; (* Transmitted characters *)
END_VAR
```

```
1 (* ***** *)
2 (* MAIN PROGRAM *)
3 (* ***** *)
4
5 (* ----- *)
6 (* INIZIALIZZAZIONI *)
7 (* ----- *)
8 (* Eseguo inizializzazioni. *)
9
10 IF (SysFirstLoop) THEN
11     Fp:=Sysfopen('COM0', 'rw'); (* Port COM0 file pointer *)
12     FBPanelOut.Addr:=16#80;
13 END_IF;
14
15 (* ----- *)
16 (* STAMPA REPORT *)
17 (* ----- *)
18 (* Eseguo output su seriale di un numero progressivo verso pannello. *)
19
20 IF (SysClock1000 <> Pulse) THEN
21     Pulse:=SysClock1000; (* Auxiliary pulse *)
22     IF (SysClock1000) THEN
23         MyValue:=MyValue+1; (* Value to print *)
24         FBPanelOut(Value:=MyValue);
25
26         (* Invio stringa verso terminale. *)
27
28         TxChars:=Sysfwrite(ADR(FBPanelOut.Buffer), 6, 1, Fp); (* Transmitted characters *)
29     END_IF;
30 END_IF;
31
32 (* [End of file] *)
33
34
```

	Project : StringOut	
	PROGRAM : MainProgram	
	Release : test	Ver :1.00
	Author :	Date:14/03/2013
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```
VAR_INPUT
Addr : USINT; (* Panel address *)
Value : UINT; (* Value to report *)
END_VAR

VAR_OUTPUT
Buffer : STRING[ 16 ]; (* Output buffer *)
END_VAR

VAR
i : INT; (* Auxiliary variable *)
Ptr : @USINT;
END_VAR
```

```
1 (* ***** *)
2 (* FUNCTION BLOCK "PanelOut" *)
3 (* ***** *)
4
5   Ptr:=ADR(Buffer);
6   @Ptr:=16#02; (* STX  *)
7
8   Ptr:=Ptr+1;
9   @Ptr:=Addr;
10
11  i:=SysVarsnprintf(ADR(Buffer[2]), 4, '%03d', UINT_TYPE, ADR(Value));
12
13  Ptr:=ADR(Buffer)+5;
14  @Ptr:=16#03; (* ETX  *)
15
16  Ptr:=Ptr+1;
17  @Ptr:=0;
18
19 (* [End of file] *)
20
21
```

	Project : StringOut	
	FUNCTION BLOCK : PanelOut	
	Release : test	Ver :1.00
	Author :	Date:14/03/2013
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FUNCTION MemSet

(SFR058A100) Fills memory with value
ENCRYPTED CODE

VAR_INPUT
Buffer : @USINT; (* Buffer address *)
Value : USINT; (* Value to set *)
Size : UINT; (* Buffer size *)
END_VAR

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	Project : StringOut	
	FUNCTION : MemSet	
	Release : test	Ver :1.00
	Author :	Date:14/03/2013
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