Instruction for setting auto logo function BSC10

Please download these programs

Software Check :

https://drive.google.com/file/d/1xtLANmRkUQpucxSfJhBKel_xdBzUrtLy/view?usp=sharing

Memory Switch :

https://drive.google.com/file/d/1WHQcRQv0iJqmsYQ7MY4Hqt_LHp8jHlsB/view?usp=sharing

[1]Turn on and connect BSC10 to PC

[2]Open Software Check
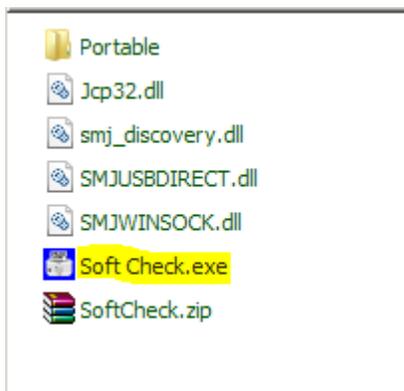
[2.1] Select "Next"
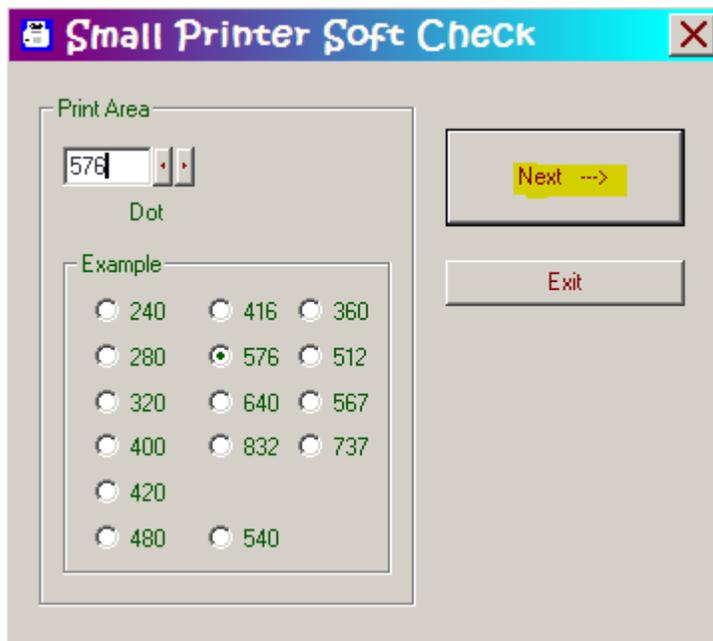
[2.2]Select the proper printer information.
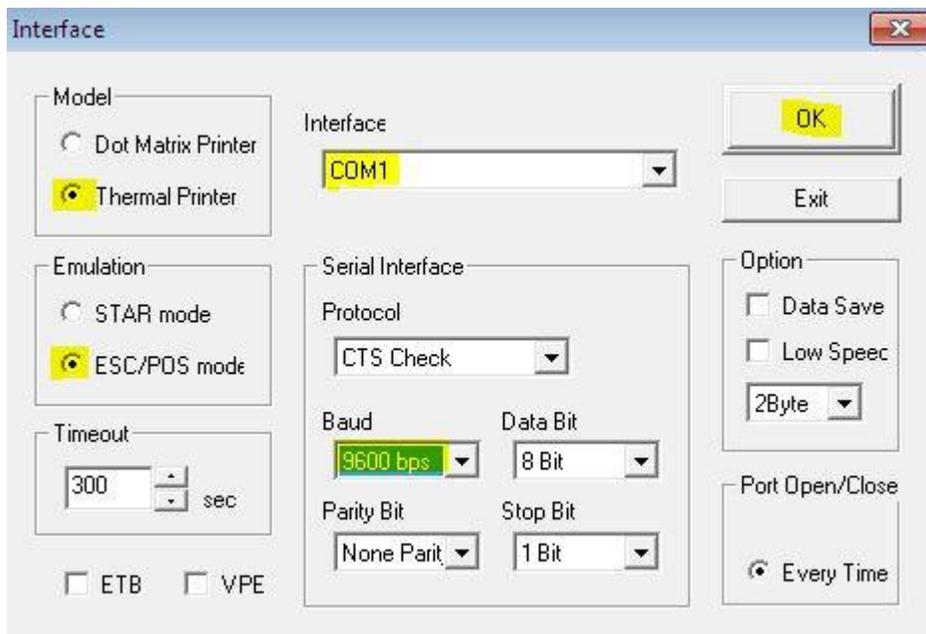
[2.2.1]For instance ,for factory setting BSC10 Serial

[2.2.2]Select "Thermal Printer" at the Model

[2.2.3]Select "ESC/POS mode" at Emulation

[2.2.4]Select COM port that you are connecting with the printer(for this case is COM1)

    -If you are unsure which COM port the printer port is , Open "Device manager"(type "Device Manager" in the windows start search box)

    -Click "Ports(COM & LPT)" , there is the communications Ports for Printer(COM1)
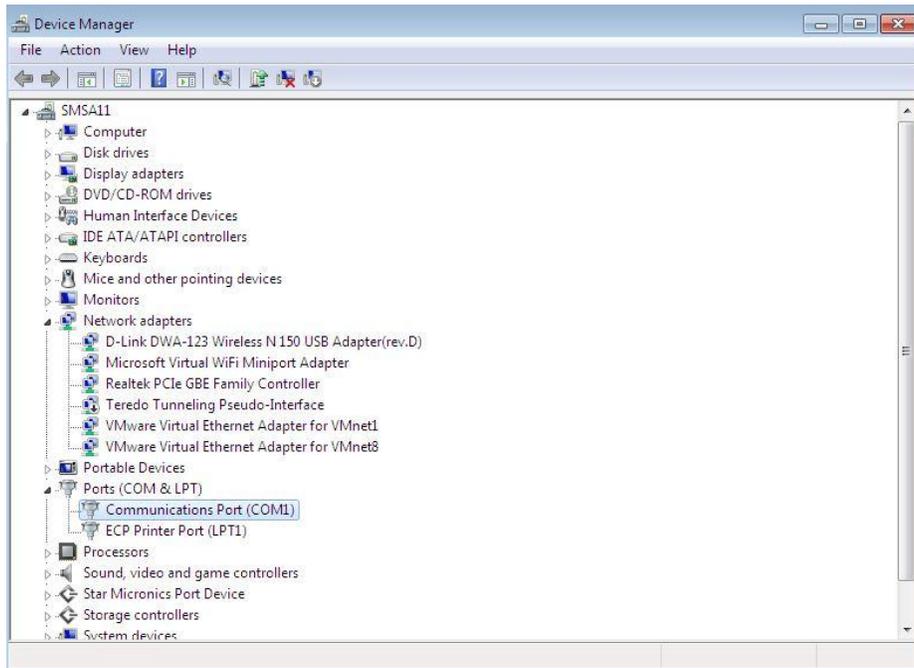
[2.2.5] Serial Interface section

    Protocol   : "CTS Check"

    Baud   : "9600" bps"

Data Bit   : "8 bit"

Parity Bit   : "None Parity"

Stop Bit   : "1 bit"

[2.2.6]Select "OK"

[2.3]Select "Convenience"
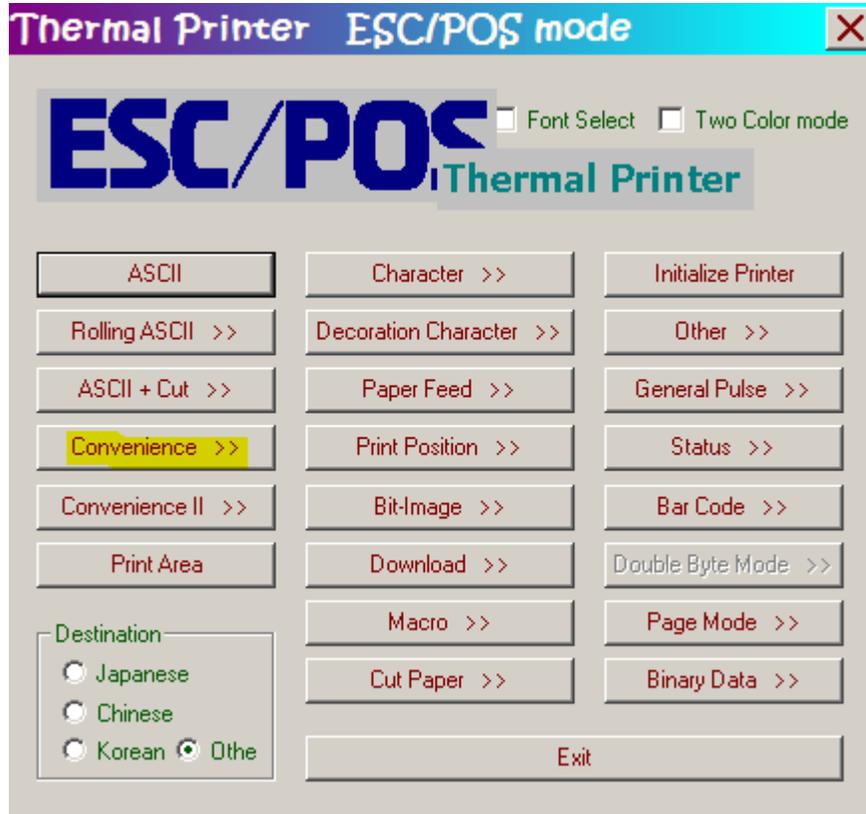
[2.4]Copy and Paste this data : \x1b\x1d\x2f\x43\x1b\x1d\x2f\x31\x01\x1b\x61\x01 , then select "Data out"

Convenience

| | | Data Out | | Data Clear | | Data Out & Clear | | Delete | ☐ + 80h |

\x1b\x1d\x2f\x43\x1b\x1d\x2f\x31\x01\x1b\x61\x01

	00	10	20	30	40	50	60	70
0	NUL	DLE	SPACE	0	@	P	`	p
1	SOH	DC1	!	1	A	Q	a	q
2	STX	DC2	"	2	B	R	b	r
3	ETX	DC3	#	3	C	S	c	s
4	EOT	DC4	$	4	D	T	d	t
5		NAK	%	5	E	U	e	u
6	ACK	SYN	&	6	F	V	f	v
7	BEL	ETB	'	7	G	W	g	w
8	BS	CAN	(	8	H	X	h	x
9	HT	EM	)	9	I	Y	i	y
A	LF	SUB	*	:	J	Z	j	z
B	VT	ESC	+	;	K	[	k	{
C	FF	FS	,	<	L	\	l		
D	CR	GS	-	=	M	]	m	}
E	SO	RS	.	>	N	^	n	~
F	SI	US	/	?	O	_	o	DEL

☑ Mode 2   Data 1 ▼   Save   Load   Exit

[2.4.1] For more information

1b	1d	2f	43		: Initialize auto logo setting
ESC	GS	/	C		: Initialize auto logo setting(Button Selecting)
1b	1d	2f	31	01	: Auto logo function On/Off
ESC	GS	/	1	SOH	: Auto logo function On/Off(Button Selecting)
1b	61	01			: Position Alignment(Center)
ESC	a	SOH			: Position Alignment(Center) (Button Selecting)

*Noted this : Button Selecting – The selecting order have to be respectively.

[3]Open Memory Switch

How_to_use_MemorySwitch_New.
Jcp32.dll
MemorySW.zip
MemorySwitch_New.exe
smj_discovery.dll
SMJUSBDIRECT.dll
SMJWINSOCK.dll
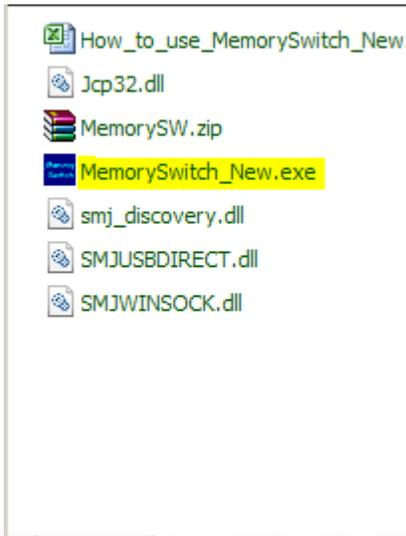
[3.1]Click on the highlighted button

MemorySwitch

Function
- ● Bit Set & Clear   ○ Memory Switch Clear   ○ All Clear   ○ Factry Set

[▼]   **Check Clear**

Bit F
○ On   ○ Off

Bit B
○ On   ○ Off

Bit 7
○ On   ○ Off

Bit 3
○ On   ○ Off

Bit E
○ On   ○ Off

Bit A
○ On   ○ Off

Bit 6
○ On   ○ Off

Bit 2
○ On   ○ Off

Bit D
○ On   ○ Off

Bit 9
○ On   ○ Off

Bit 5
○ On   ○ Off

Bit 1
○ On   ○ Off

Bit C
○ On   ○ Off

Bit 8
○ On   ○ Off

Bit 4
○ On   ○ Off

Bit 0
○ On   ○ Off

LPT1   Write !

Exit
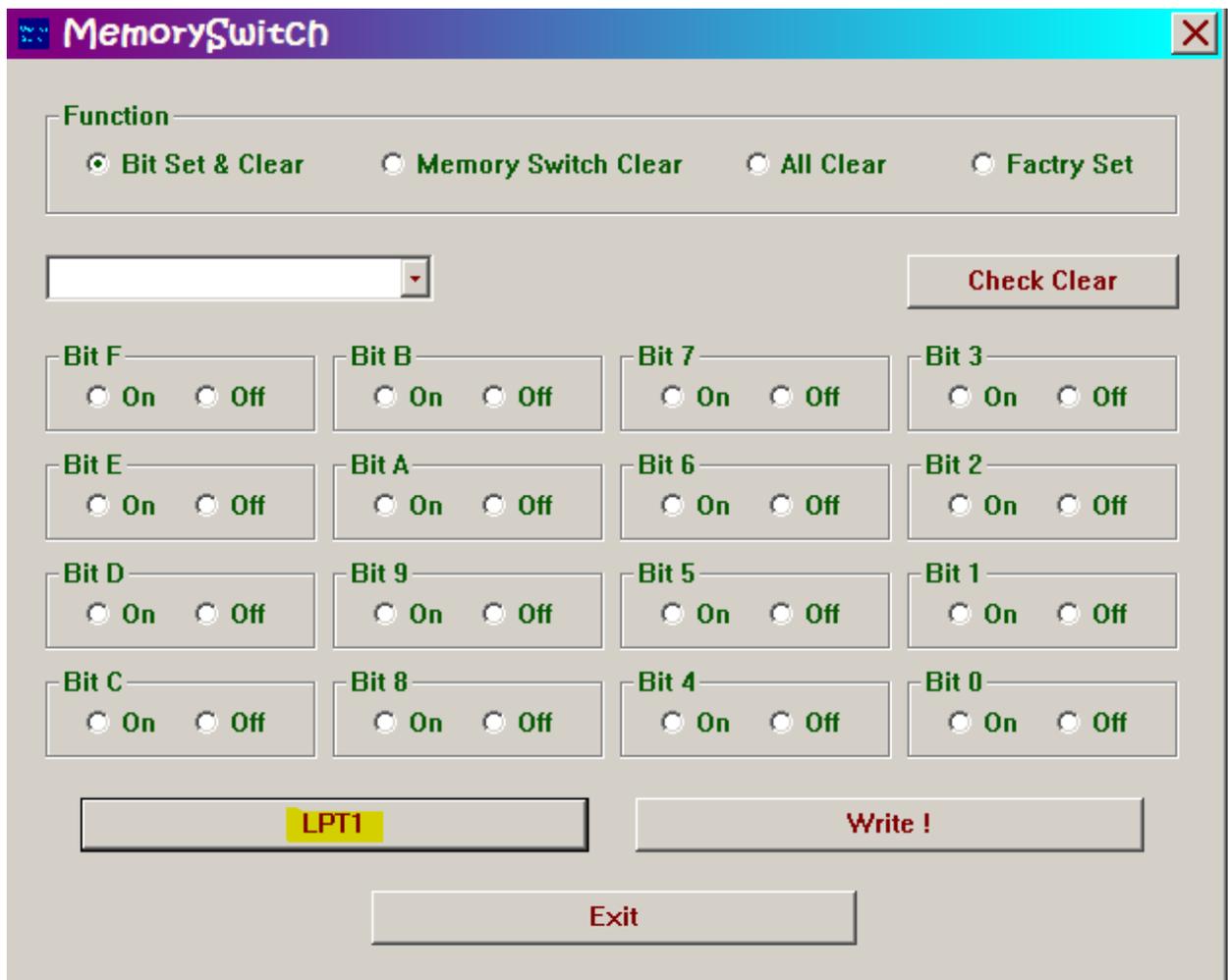
[3.2]Select the proper printer information, then click "OK"

     [3.2.1]For factory setting BSC10 Serial

     [3.2.1]Selecting - Interface   :   COM1

             Baud Rate   :   9600

Data Bit   :   8 bit

Parity Bit   :   None Parity

Stop Bit   :   1 bit
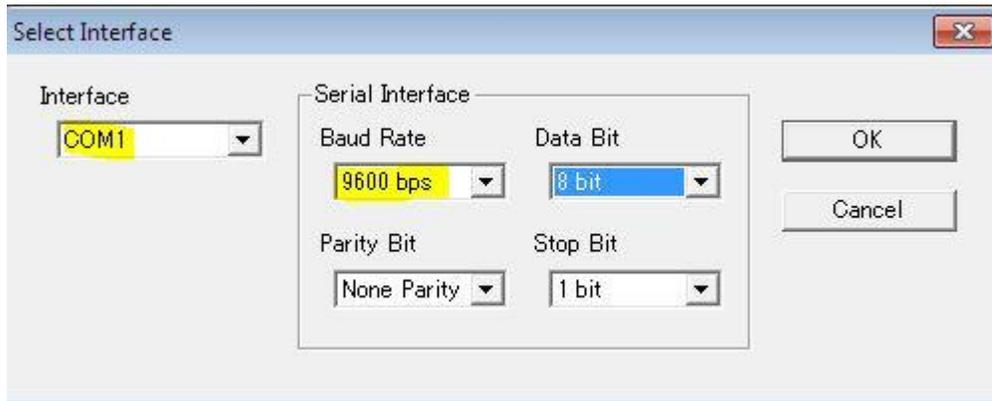
[3.3]Select "Bit set & Clear" , Memory Switch 4. At bit 0 , bit 1, bit 4 , select "On" >> click "Write!"
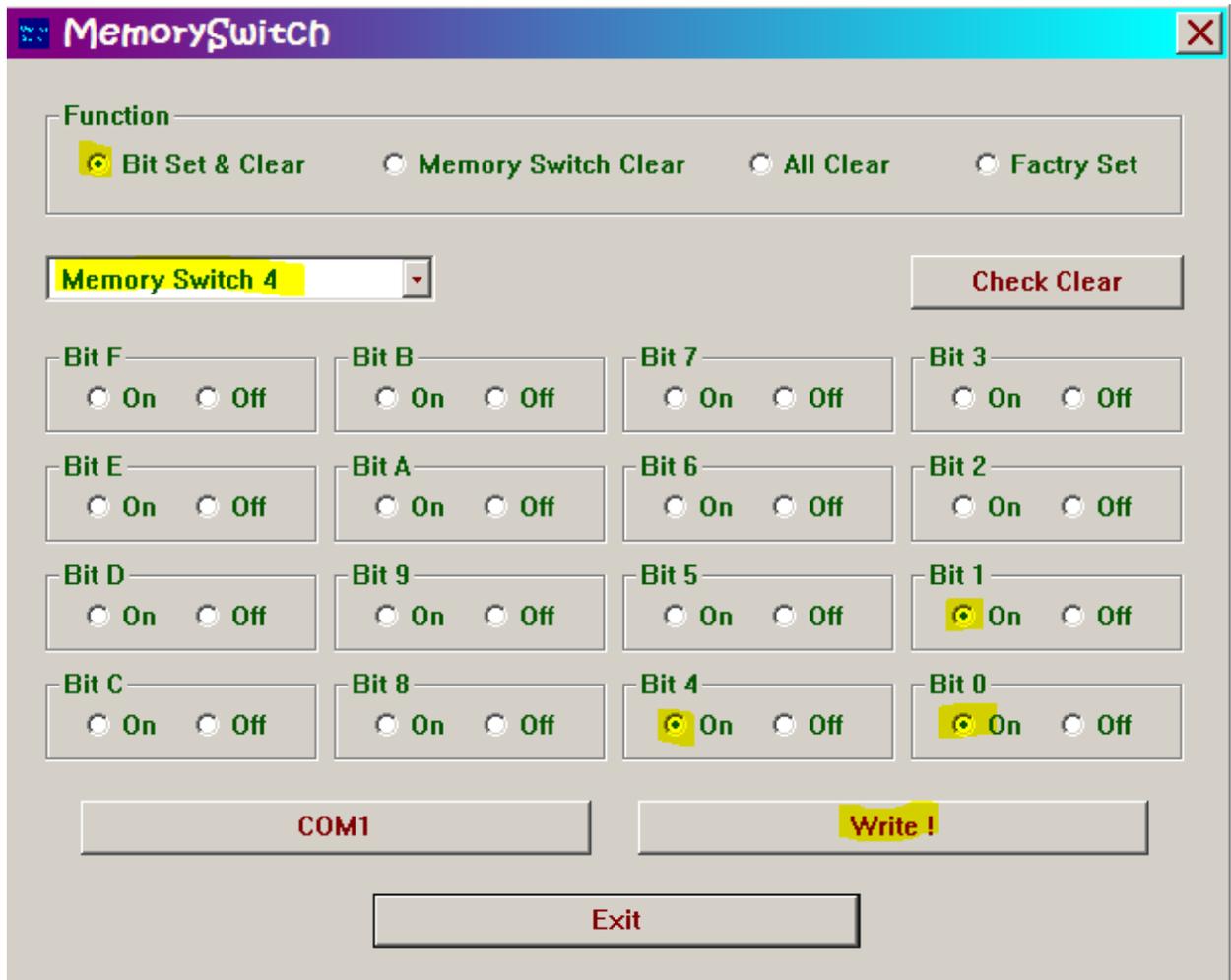
[3.4] Select "ESC GS # <Normal>"

[3.5] Select "Write & Reset & Test Print"

[3.6]The printed receipt memory switch 4-0, 4-1, 4-4 should be 1


```
*** BSC10 Ver1.8 -b1.3 ***

Interface: USB or RS-232C

-- Memory Switch --
     FEDCBA9876543210  HEX.
<0>  0000100000000000  0800
<1>  0000000000000000  0000
<2>  0000000000000000  0000
<3>  0000000000000000  0000
<4>  0000000000010011  0013
<5>  0000000000000000  0000
<7>  0000000000000000  0000
<8>  0000000000000000  0000

-- Memory Switch Detail --
<0>4  = Character Mode: Standard
<1>9  = Top Margin: Default
<1>7  = Large Font: Vaild
<2>C  = 180 Rotation: Invalid
<2>A  = Print Start Control: Line
<2>5,4= Print Speed: Normal
<2>2-0= Print Density: Standard
<4>C  = Motion Unit: Dot by dot
<4>4  = Character/Line: Max
<4>2-0= Printable Area: 50.8mm
<5>B  = Handshake: DTR
<5>A,9= Parity: None
<5>8  = Data Bits: 8 bits
<5>2-0= Baud Rate: 9,600 bps
<7>C  = ASB
        [USB]     : Valid
        [RS-232C] : Invalid
<7>4  = BUSY: All
<8>F-C= H-Reduced Size: Invalid
<8>B-8= V-Reduced Size: Invalid
<8>3  = H-Paper Reduction: Invalid
<8>2  = V-Paper Reduction: Invalid

Press the FEED button as follows:
Exit and Reset Printer: Press and release.
                : Press and hold for
Continue
                1 second or more.
```

[4] Executing .prn file via windows command promt (via serial COM port)

Please download the .prn test file here : https://drive.google.com/file/d/1xr32IoKHNm1k-Hq0TX4rAQE-2EkG83Xm/view?usp=sharing

[4.1]Open cmd(type "cmd" in the window start search box)

[4.2]Go to the .prn file location

```
C:\Users\SMSA2\Desktop>cd TEST

C:\Users\SMSA2\Desktop\TEST>dir
 Volume in drive C has no label.
 Volume Serial Number is BAA5-C468

 Directory of C:\Users\SMSA2\Desktop\TEST

09/12/2018  11:19 AM    <DIR>          .
09/12/2018  11:19 AM    <DIR>          ..
09/12/2018  11:19 AM               218 DDTest.prn
               1 File(s)            218 bytes
               2 Dir(s)  78,858,104,832 bytes free

C:\Users\SMSA2\Desktop\TEST>
```

[4.3]Type "mode COM1 BUAD=9600 PARITY=n DATA=8" then hit enter

```
C:\Windows\system32\Cmd.exe

C:\Users\SMSA2\Desktop\TEST>mode COM1 BUAD=9600 PARITY=n DATA=8
```

[4.4]Type "copy DDTest.prn COM1" >> hit enter

```
C:\Windows\system32\Cmd.exe

C:\Users\SMSA2\Desktop\TEST>copy DDTest.prn COM1
```

[4.5]Printer will print receipt like this.