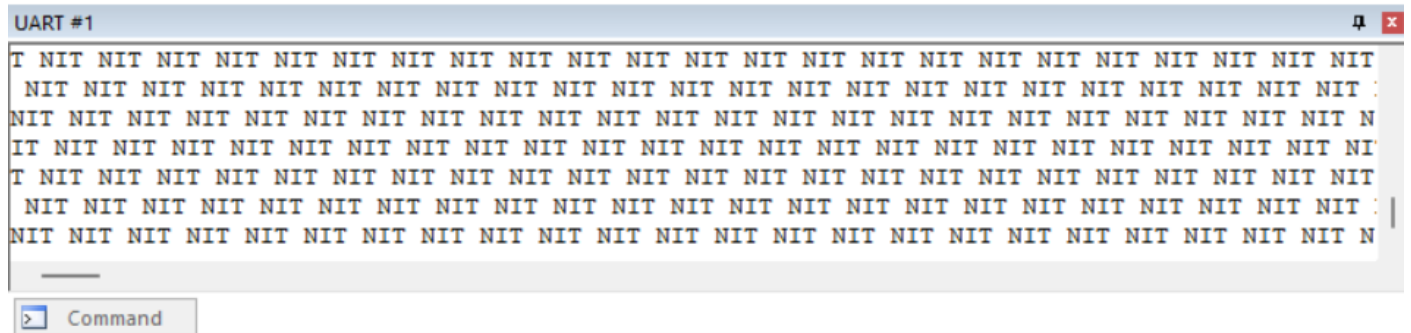


EC-3702

Submitted By:
Bharath Kumar K
121EC0571

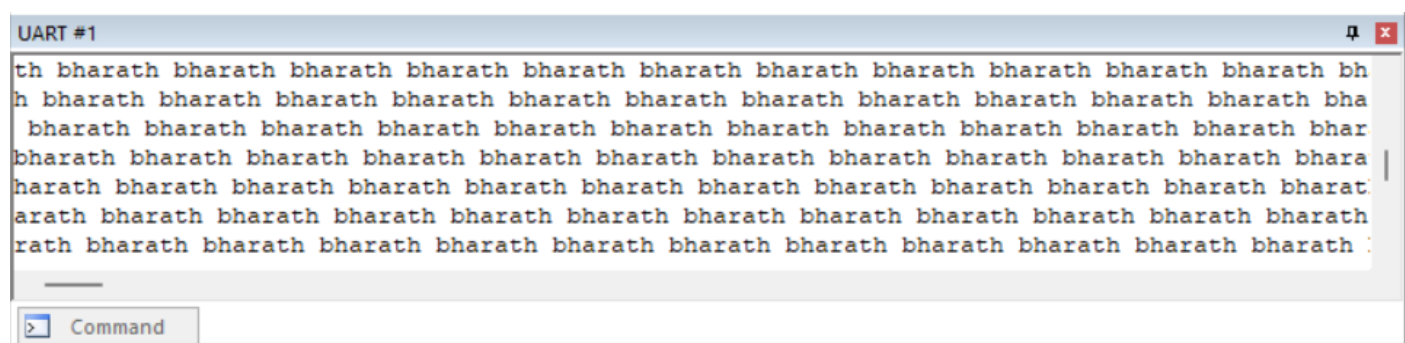
Activity 1:

```
ORG 0000H
MOV TMOD,#20H
MOV TH1,#-6
MOV SCON,#50H
SETB TR1
AGAIN :MOV A,#"N"
ACALL TRANS
MOV A,#"I"
ACALL TRANS
MOV A,#"T"
ACALL TRANS
MOV A,#" "
ACALL TRANS
SJMP AGAIN
TRANS: MOV SBUF,A
HERE:JNB TI,HERE
CLR TI
RET
END
```



Activity 2:

```
ORG 0000H
MOV A,PCON
SETB ACC.7
MOV PCON,A
MOV TMOD,#20H
MOV TH1,#-3
MOV SCON,#50H
SETB TR1
BACK :MOV A,#"b"
ACALL LOOP
MOV A,#"h"
ACALL LOOP
MOV A,#"a"
ACALL LOOP
MOV A,#"r"
ACALL LOOP
MOV A,#"a"
ACALL LOOP
MOV A,#"t"
ACALL LOOP
MOV A,#"h"
ACALL LOOP
MOV A,#" "
ACALL LOOP
SJMP BACK
LOOP: MOV SBUF,A
HERE:JNB TI,HERE
CLR TI
RET
END
```



Activity 3:

```
ORG 0000H
START: MOV R7,#08H
MOV A,#7FH
ROTATE:MOV P1,A
MOV P0,A
MOV P2,A
MOV P3,A
ACALL DELAY
RL A
DJNZ R7,ROTATE
SJMP START
DELAY: MOV R2,#0FFH
LOAD: MOV R1,#0FFH
HERE: DJNZ R1,HERE
DJNZ R2,LOAD
RET
END
```



Parallel Port 0

Port 0

P0: 0x7F 7 Bits 0

Pins: 0x7F

[illegible]

Parallel Port 2

Port 2

P2:	7	Bits	0
0x7F	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Pins:	7	Bits	0
0x7F	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

[illegible]

Parallel Port 0

Port 0

P0: 0xBF 7 Bits 0

Pins: 0x00

Parallel Port 1

Port 1

P1: 0xBF 7 Bits 0

Pins: 0xBF

Parallel Port 2

Port 2

P2: 0xBF

Pins: 0xBF

7 Bits 0

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Parallel Port 3

Port 3

P3: 0xBF 7 Bits 0

Pins: 0xBF