Obsessed Output

A (Assemble)

- A 0100

073F: 0100 MOV AX, 1000

073F:0103 MOV BX, 1024

073F: 0106 MOV CX, 010E

073F:0109 MOV SI, 107F

043F: 010C INT 3

073F: 010D

GI (GIO)

- GL= 0100

AX=1000 BX=1024 CX=010E DX=0000 BP=0000 SI=107F DI=0000

D8=043F ES=043F SS=043F CS=043F IP=010C NV UP EI PL NZ NA

PO NC

E(Entesi)

- E 0100 56 35 89 78 94 → enter data starting from D8:0100
- E 0100

2000:0100 12 -> sieplace data of 08:0100

-E C8: 0100 B8 12 00 BB 53 12 OC → entesi machine code stasiting form

F (F901)

-F 0100 0104 45 46 43 08 09 → values Joiem 45 to 49 kill be filled in memory locations 08:0100 to 0104

Experiment Name / No.: 1. INTRODUCTION TO DEBUGGING COMMANDS	Camlin Page No. 3
	1 10 10 10
dim	114 14 1
To leasen d'efferient commands of debugging.	A COL TAINS
Theory	A Maria de de la composición della composición d
5 DEBUGI is a porogonom which allows the porogonomen	to worste, executel
debug assembly language poligonoms, & to examine of	the contents of
percompt as shown below:	typed after DOS
C:\> DEBUG	
10 -	GORD AND
'Enter' koy after a command.	i val Blot va
The hyphen shown above is DEBUG prompt.	1000-4-1
1. A (Assemble) convents mnemonics into machine cod	es. The machine
codes are directly stored in the memory. Formats	
15 A; assembles beginning Joion (3:0100	
& Address; assembles streeting Josom the given as	ldoress
2. C(Compage) compages the contents of two specified	
The general gosemat is C Pange Address	, 0
When the contents of the 2 blocks of memory are not	same, the addresses
20 Where contents one different and displayed.	
3. D(Display on Dump) displays the contents of the speci	ified memosy
locations. Fooignats agre:	
Daddouss samge	
Del D adderess	
25 091 0	
4. E (Enter) To enter data on machine codes. Default no	gisteon is the DS:1P.
Foormats agre:	nature:

```
-a
             MOV AX, 0015
 073F: 0100
            MOV CX,0023
 073F: 0103
            BUB CX, XX
 073F:0106
             MOV [120], AL
073F:010
             MOV CL, [120]
0 +3F: 010B
 073F: 010F
 073F:0110
-g = 0100
 AX=0015 BX=0000 CX=0015 DX=0000 SP=FFEE BP=0000 SI=0000 DI=0000
 D8=073F ES=073F 8S=073F CS=073F IP=010F NV UP EI PL NZ AC PO NC
```

Exper	iment Name / No.: 1	Camlin Page No. 5
	E address list	
	E addores	
5.	F(FM) Islls a sange of memory locations with the value	es in the list.
	Footemats age!	
5	F addanse sange list	
	Gilad Executes perogenam. Perovides beroak-point. Foeram	ats asie:
	G1 = addonese	
	Gr addoress	
74.	H (Hexadecismal) shows the swam & difference of 2 hexad	ccimal numbers.
8-10	(Input) Inputs & displays 1 byte Josom a posit. Foorance	it is:
	1 pnost address	
9.	L(Load) It is used to load a fele on pourgeram. Its defaul	F grogistegi is CS.
10.	M(Move) Copies (moves) the Hock of data Josem 1 memo	ouy asua into
	another. The general Ipprimat is M sange address	
1115	N(Name) It is used to name a possogoram on file to be o	read nor worlten
	anto desk. The governot is	
	-N Jalename. COM	
	When doilve name is not given in the command, the file wi	Il be saved on the
	hasid disk.	
12.20	O (Output) Sends a byte to a posit. Fosimat is	
	O posit address byte	
13.	Q(QUET) It is used to exit DEBUGI. The Josephat is -Q.	
14,	R(Register) Displays the contents of 1 non mone (PU) on	egistesis, & the
	next instauction, Foorgmat is	
25	-R register more	
15.	5 (Seasich) Seasiches the specified memory stange from the	re specified list of
	butes, Foormat le S. singe, lest. Teacher's Signatur	e:

Experiment Name / No.: 1	Camlin Page No. 7
Experiment	Date 16 01 2020
16. T(Torace) Executes a porgonom in a single-step mode. T = addoress	The Josephat is
H. U(Unassemble) Unassembles machine code of species machine code of species grange. Greneral Josephal is	fied memory
5 U addoness shampe ou U addoness 18 W(Worlte) It is used to save a Jele ou program. D CS. Fourmat is	equalt englisteen is the
In address	
Pesult Familianized with the vanious DEBUGI commands	n DOS.
15	
20	
25	
Teacher's S	Signature