	1
	Date:
	nkers Debuggers
	y program that Utility program that
a that converts source combines	s individual let you to step through
	ated by an a program white its
Assembly to machine Assembler	with single running + examines
language. executab	ble program registers & memory
	20
First real-Address 1	mode Os for user was
	1980 from Microsoft.
003=(Disk 03) . IN	
	de al mai
Nowadays, 16 Bit real add	
is embedded in Microsof	
can be accessed by cm	ip or command prompt (CLI) -
	Machine Java
•	written in Machine lang.
Mnemonics -> Instruction	n written in Assembly lang.
such as · F	200, MOVE, SUB, CALL etc
	garangan dan kacamatan dan sebagai dan
	and the state watching of
Assembly lang. have one-t	to-one relationship with machine &
	1/24/
However High-level long has	ve one-to-many relationship
HOMESEL HIGHLIEUEL CONT.	1 Alaski a languale
with assembly lang	vage & Machine language
	statement
	1
single tack is know as	
The state of the s	single line or that statement.
יוטון טכן ועריי	4
	Single-line comment
43%	
	Assembly language.
	3 3 0
single tack is know as instruction -	statement multiple instructions I task in single line or that statement Single-line comment with j in Assembly language

1.		100						Date:	
1.,	For	myl	iplifica	tion,	2 vavi	ables	are	used	
ì								unsigned	
								signed.	