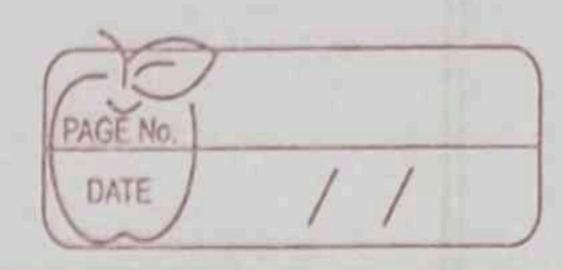


_	
	Data types
	All dana sypes can have a diff values
4	corcept your near and event dara types.
	0 - 10gic zero, yourse candition
	1 - logic ono, mue condition
	X - unenann lægic value
	2 - high-impadance state
	in items in the second
	O X Z
	Nots
	used to connect between hondware
	enrities like logic gates and hence do not
	store any value on its own.
	net-45
	Just - 11
	ner-67 bush
	· most popular and midely used net is wine.
	- wire is a verilog dana-type used to
	connect elements
	« when requerement of multiple nets is
	required, they can be bundled unda a
	single wire,
	mine [3:0] no [2]
	mire [3:0] n0;
	4-bit mire may can send 4 separate
	volves on each one of the whes
	such envisies with more tran one one
	caued vectors.



. Thegat to redoctore a name already declared by a net, parameter on variable variables as an abstraction of a dona stronage element and can hald values. ex- grip - group verileg dara type neg: can be used to madel vonduare registers since it can hold values between assignments. o neg need not amays represent yhip flop bécause it can also be used to represent Combinational lagic. Ohner dara - sypes to describe a state of the -integer: general purpose - variable of 32 bits mide mar can be used for other purposes unile modelling hardware and stone integer values integer count; 64-bits mide and raniable is insigned, - dime: con be used to stone simulation time gnansities you debugging purposes. time as on · real time variable simply stores graning point quantity.

Home and time;

can store gloaring point values and can be assigned the same way as integer and neg vorilog strings smænge an example reg [8°11:1] str = " rella would" 1/ snore 11 bytes. reg [8 5:1] sur = "Hello would" 11 store Sbytes, definer bits of shing bet suncates. steg [8#20:1] sho = "Molla wand" 11 Stone 20 bytes, deprincent with a bits padded with zeros. - Hollo workd - word

- nella world