## UVM -> System Verilog. Base class library

- · Connecting Environment to DUT
- · Transactions
- · Sequence a Tech
- · Monitor & Suburiber
- · Reporting
- -> Constrained random, eoverage driven verification
- Transaction level communication, layered requestial stimilur, standardized mexicaging, Register Layer (adv)

Checkers -> to check expected of reached.

Finitional roverage > (\*) Skader, payload, cherkeum.

## Mock Interview

always @ (posedge clk or negedg reset) begin

q. out <= din;

end

alway @ Crocedge,

->

10010

× defeat value

value

value

Res.

Man Boil;

function colicplay :

\$ dignlay ("bace")

end class

end class

class Derived esclends Bace;

fenction slipplays ("derive!"); end elan Joll 6 ->

Solveriloes

Solveri

Project -> protcol -> 6 m training. DB DFT Try Down - nother than opp.

State Marhine >

phareing (finite operator) in compaîler.

quitiple

Language.

BNF-Backen Naur Form.

gren -> global resex makes.

} Sulna :== fisitname, middle rane }

Shift Reduce Parsons

tokens are shifted in

Rule match 37 schercitic match

Childeati Child late an apple LALR (1) 5 Look ahead

Reducer & shift preduce conflict & content free grammas & seducel reduce conflict & Samkerts

· Abetrail Syntem tree

Sanckrit - sound ve letter.

RS (544, 514)

Jalou Fields.

Set + Group + Ring + Field + Polyromel

Voctor Space

whith, Within

07-12-2024

Softwore for automating stacks.

Algera + a set with operation a rooler.

hanguage

· Symboli, not-Symboli (empty space)

· Strings, was in -> meaning full ching

· Lexecon - set of meansful word

· Worth Sentence

· Stonga

· Grammer - sel of rule in a long

- read till space · token

- exchacting meaning from it. opharsing

Lammer - lexical amalyser.

Lookey engine + Alymbol table (CAM-Content adderable memory)

yntatic smalycer = where with perdefined rules.

» Dematic analyzer » eheck for valid conclus

\$ AST > polypareus stores in

Bad grammer

-> ambiguity in grammer.

ATGT -> lene

> yacca

BLALRI

Took ahead I plance

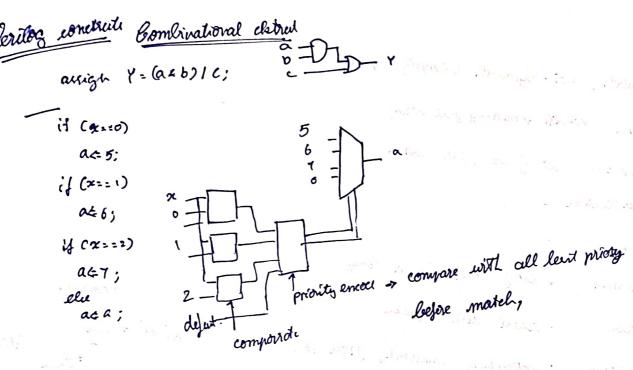
bompuler

> tremulation from are to other

.V + .C

Lisp & Brown Ligh.

a post with the colo



eoue (2) => Infer porallel muse (regular)

endiace

## Sequential circut

Syne/argue recet

Syne/argue recet

Asic (40) FPGAP'S

Asic (40) FPGAP'S

adit eacle word in Steicon

we of begin end everywhere

// somments -> why? part to explain -> don't somment the speration.

function, tack

| Some of the provide 1 > 1 mapping with |
| loop = for, generale | red injected, weath a layer of abstraction |
| close ×

ECO + Engineering drange order (change made to silver dye after implementation done)

suing space gate, whe

-> Final nation wasally eight but inteled of brus [m:0]

DDR LBMA Networkers

PCI, PCIe

USB

NVME

SATA

AXI

AHB

Ethernet

HDMI

KPI -> Power - graeshøyner streguene. - NV link.

Asbitation (Avoid edition)

PS/2 - Key PS PS/2 Reyboard /

PAM4 -> Signāli

BOBD -> CAN -> Single wire

stroking in momory.

Design for destability.

 Fsm-3 logic Bloch

aserion -> system verilos constrain.

S-cycle -, get delta eyele

Virualizer > Wlm!.

Taydb > to be used.

Olyclem Bug

AXI (Now extensible Interface) — CHI (Coherent Our Interface)

. AHB ->

Memory

GRAM.

DOR, HBM

CSR -> Control & statu register Arbiter -

5086

UCI-Universail chiplet interconnect.

P3/2

trayal Prathic -

Charan the gration contrad with al

Ekrite

DOGE x

omben -> AP

Poower

Portfolio

Resume = different - Pdif gensaton

b or exete

uptoad

Project & Skill undate