write a pursur to run through Houdow do this? Modules in rust. > colclas now file in Ste calls function von from another is fik inthe directory colca!!runco llin mah or use caluatifranca 11 before noin 'mobile' 're write using this mod calet _ tells compher he mod calet _ tells compher he can have other file and we can have it.

std:! thing!: Whatever() calc1: run() Cale 2 file (elculate with any number of args (ignoring prescedence) En un() 11 multiple variance enum data structure 11 we took token 11 could be many things chum Tukung Num(f64), Add, Sub

Sunctions Fn lex (input: Vec 2 str >) Identifyer Not Like C, int main & return 1' not expected to neturn rons

- returns Folkers 11 nultiple Tokers to return multiple tokens Vec LToken7 army of Tokens In lex(Input: Veck & str>) -> VeckToken> { input-into_iter(), fold (Vec! new), Impt ace, el { Laurance Enction 1x fold takes a dosure pr:n+ln! ("23", x(10));

3n x(a: 132) -7 132 27
30
3 12+ x = 10/ 0+ 10's

fold () what does it do? creates Hereber 0-99 specifics # of dements (0.100). for each (let println'. ("5;"); voriables, corditions 2 brand 2. For Number in 0.-200 {

brintln! ("{\frac{1}{2}}", number); "Cloyure"

1 at result = (0. 200). fold (0, 1 mut acc, n1 { acc += n; - printin'. c"&b", result); - printin'. c"&b", result); interest is interphill by default 1.2 result = let result i i32 -all #'s Sran O to 99 Adul Srom C, Let mut SIM=0. for nin 0. 100 { Sum + = 11' println! ("23") RSvm)

control / to comment out 7

Highted highlighted code

Conly VS code, not 11:m)

Lut mut sum = 0's

for nin 0.. 100 &

sim +=n's

println! ("25", sum)

. Push(Token: Add), adds new observation to Token

for culculately & 11 to parse tokens: Yecktoken

Struct Parser { total: \$64, lust: Option LToken7; #B[durine(Default)] // Thise we Struct Pursur Fidds total: 564 lust: Option L Token7, This value is optional

Parsar! defoult

Crentes a dutinal Struct

Whe fealls values.

Vec is a standard Struct

Pasculcusc Structs, comms

Shake—cusc

Shake—cusc

culculate tokens into-iter(). Jalle Parser: default(), I mut ace, El & match t t Token! i Token Num(#) if acc. list. is_none() => acc. total = f, 11 moraps to give (January) token (the inner value) as-refc. unmoco E forguna war of to

Bugs +22 +his is vahid returns 4 > the +3 22 Kept in menergy 2+2222