(523/8

Function Coll (Wing Stuck)

Chapter 6 Britton Chapter 2 potterson

B.

(Gunction)

Jal C

JRARA

only coll con only a control of internal.

2	Consider on interpol note
	A Bunchion that is both a culler
	unu a colle
	Caller Culle B:
	La com A
ettitalen kojuma, en	JAL: C / Jo Somethin
	Las somthin
	L ret
Talanda kalanda	From Bor B coulting C
Biologica de la constante de l	3 Args
	i Ro Va
	ts Return Voldes

cullen

B;

Push Aras

Push Needed Ts (C for not Early)

JAL e (Litic Local vors)

POP Return Volver

10 p recoupt vocally

pop Ts

Return

PUPARG-S
PUSHA: Needed Ss

(cun use Ts, ss)

L'Est volve

Push Return Vulvue Pup Ss

retyrn

Int Sight (n) $\frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}{2}$

Main Gets on int m

Chectis if it is point

while (i < sph)

that room

il o break;

5

Assuming Root Main: Get netso PUSh \$50 PUSH \$50 Find squt(n) pup SAA PUP R.V. -> \$31 While (12 sgrt(n) chech Rem if (Rem == 0) breat, Addings in

not prime

SPRT (n) A SSUMING LEUR POP \$50 While ((ixi) < n) E Allow Security of the Control of the JR \$RA push result Push & Rs Pop & Rd Using \$50 05 the stack printer Ignoring under flow / over bluw

子》

Typical Memory Organzation

Dynamic user estatic buto o data User Cube o Text "05" Code 595 tem down/Up in addressed Stack con grow Up/Down SP can print to current dutu Con point to next available 5 puce

8

Assum stack grows Jumn
Soprofer to next available
Space

push \$Rs pup \$Rd

Iw \$Rs, 0(\$sp) SUBT \$sp,\$sp, 4

OULI \$SP, \$SP, \$

POSh Sto, St, 18+2

SW St, O(\$5p)

SW St, 4 (\$5p)

SW St, 8 (\$5p)

OULI SSP, BSP, 12 & OUUNCE

Ly "I hume" size

Assum Stack yours down \$50 prints for current duta posh &Rs pop SAd add Loud SV Vtruck. Stur \$to While (axi) < n) E 1=1+13

li \$t0, 1 mue \$t1, \$to,\$to

While: lage \$11,\$50, en/while addi Sto, Sto, 1 mul \$11,\$\$0\$to

end while