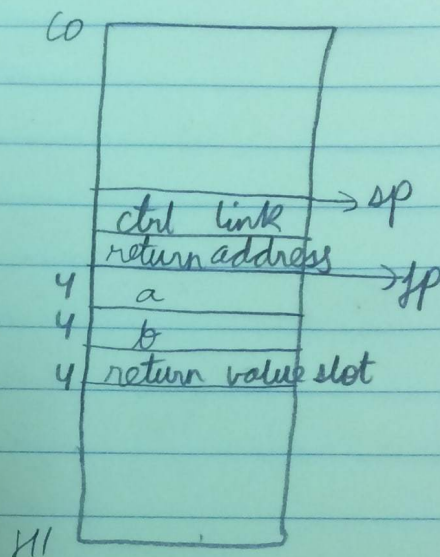CS 536
SPARSH AGARWAL
9075905142
HW 9

<u>AD</u> .text   (Assuming call by value)
— double Sum
      sw $ra , 0($sp)
      subu $sp , $sp, 4
      sw $fp , 0($sp)
      subu $sp , $sp , 4
      addu $fp, $sp, 8
      lw $t0 , 4($fp)
      lw $t1 , 8($fp)
      addu $t1 , $t1 , $t0
      sw $t1 , 8($fp)
      addu $t3, $t1, $t1
      sw $t3 , 12($fp)
      lw $ra, 0($fp)
      move $t0, $fp
      lw $fp, -4($fp)
      move $sp , $t0
      jr $ra

```
co
  ctrl link        → sp
  return address   → fp
4 a
4 b
4 return value slot
HI
```
⇓
stat. function entry

<u>A 2)</u>   t0 = 6   t3 = undefined
       t1 = 4   ra = 0
       t2 = 8