

## Memory Diagram for malloc worksheet

s-1[0]	s25	s20	<div>not 2second or 8third. ⇒ 8second[0]</div>		<u>RoData</u>		<u>Heap</u>	
s-1[1]	r0	s21						
s-1[2]	h0	s22						
third	h0	s23			T	r0	w	h0
second	r0	s24			U	r1	e	h1
f[0]	M	s25			e	r2	d	h2
f[1]	o	s26			s	r3	n	h3
f[2]	n	s27			d	r4	e	h4
f[3]	o	s28			a	r5	s	h5
f[4]	a	s29			y	r6	d	h6
f[5]	y	s30					y	h7
<u>stk</u>								h8