Expression	Type	Value	Assembly code
$S+1$	short *	$x_s + 2$	`leaq 2(%rdx),%rax`
$S[3]$	short	$M[x_S + 6]$	`movw 6(%rdx),%ax`
$\&S[i]$	short *	$x_S + 2i$	`leaq (%rdx,%rcx,2),%rax`
$S[4*i+1]$	short	$M[x_S + 8i + 2]$	`movw 2(%rdx,%rcx,8),%ax`
$S+i-5$	sort *	$x_S + 2i - 10$	`leaq -10(%rdx,%rcx,2),%rax`