Assembly

C decleration	Size (bytes)	Intel data type	Assembly suffix
char	1	Byte	b
char	2	Word	w
int	4	Double word	l
long	8	Quad word	q
char *	8	Quad word	q
float	4	Single precision	s
double	8	Double precision	l

MOV source, dest	Move data source -> dest
movb	Move 1 byte
movw	Move 2 bytes
movl	Move 4 bytes
movq	Move 8 bytes