Matrix Type	Operation	S	C	D	Z
General	Copy from one Matrix into another	SLACPY	CLACPY	DLACPY	ZLACPY
	Convert a matrix's precision	SLAG2D	CLAG2Z	DLAG2S	ZLAG2D
	Apply a block reflector to a matrix	SLARFB	CLARFB	DLARFB	ZLARFB
	Generate an elementary reflector	SLARFG	CLARFG	DLARFG	ZLARFG
	Generate a vector of plane rotations	SLARGV	CLARGV	DLARGV	ZLARGV
	Apply a vector of plane rotations	SLARTV	CLARTV	DLARTV	ZLARTV
	Multiple a matrix by a scalar	SLASCL	CLASCL	DLASCL	ZLASCL
	Initialize a matrix	SLASET	CLASET	DLASET	ZLASET
	Apply a sequence of plane rotations	SLASR	CLASR	DLASR	ZLASR
Symmetric	Apply a vector of plane rotations	SLAR2V	CLAR2V	DLAR2V	ZLAR2V
Triangular	Triangular precision conversion	SLAT2D	CLAT2Z	DLAT2S	DLAT2Z