Eng. AbdelRahman Adel AbdelFattah

Sheet 8

1. for (i=1; i<=64; i++)

$$Y[i] = (a^* X[i]) + Y[i]$$

2.

	LV	V1, Ra
	LV	V2, Rb
	MULV.D	V3, V2, V1
	SV	Rd, V3
	L.D	F0, # 0
Loop	L.D	F2, 0 (Rd)
	DADDI	R8, R8, # -8
	ADD.D	F0, F0, F2
	BNEZ	Rd, LOOP
	S.D	F0, 0 (Rk)