

	Insertion Sort–C program–total number of comparisons					
	Ascending	Time	Descending	Time	Random	Time
N = 10, a = 1, r = 3	1 3 9 27 81 243 729 2187 6561 19683	9	19683 6561 2187 729 243 81 27 9 3 1	45	2187 9 19683 243 27 81 6561 1 3 729	34
N = 10, a = 1, r = 2	1 2 4 8 16 32 64 128 256 512	9	512 256 128 64 32 16 8 4 2 1	45	4 128 64 512 1 32 16 8 2 256	33
N = 10, a = 2, r = 5	2 10 50 250 1250 6250 31250 156250 781250 3906250	9	3906250 781250 156250 31250 6250 1250 250 50 10 2	45	6250 50 2 156250 1250 3906250 781250 10 31250 250	28
	Insertion Sort –MIPS assembly program–total number of comparisons					
	Ascending	Time	Descending	Time	Random	Time
N = 10, a = 1, r = 3	1 3 9 27 81 243 729 2187 6561 19683	9	19683 6561 2187 729 243 81 27 9 3 1	45	2187 3 9 27 81 243 729 1 6561 19683	20
N = 10, a = 1, r = 2	1 2 4 8 16 32 64 128 256 512	9	512 256 128 64 32 16 8 4 2 1	45	16 2 4 8 1 32 64 128 256 512	14
N = 10, a = 2, r = 5	2 10 50 250 1250 6250 31250 156250 781250 3906250	9	3906250 781250 156250 31250 6250 1250 250 50 10 2	45	3906250 10 50 250 1250 6250 31250 156250 781250 2	24