

2i) def Max Sub (L, len(L)): int max corr = 0; int maxall = 0; for i => len(L): maxadil = maxadil + LCi] if (max curv < mxall): maxcurr = maxil f(maxall (0) maxall = b; return max curr This is correct because it has I for loop, it keepstract of the Burrent max with index i to the besiming and the mux of the whole armay. It finds the max sum of the array and sets - 1 or negative numbers to zero. RA Since only 2 loop is used, it is O(n).

ii) L = -2 4 -3 5, -2 31 -5 5 2-4 int max curr = 0 int max 911 = 0max curr = 0 1 2 3 4 5 6 7 8 9 10 18 max curr = 0 4 1 6 5 7 8 8 8 10 17 5 6 7 8 8 8 10 17 5 It holds the max ending at index and continues to add to get the max contiguous sum.