[AALG V1. Exercises] Pablo Westa Sierra. (3) ART BO: $p = p \times x$ $ART_{-1g}(N) = \sum_{i=1}^{g} 1 = N-1.$ (9 a) ART40 (N) = 5 1 = n Bo : Sum++; b) Bo: | Sum++9 . ART46(h) = \(\hat{\frac{2}{2}} \frac{\hat{\frac{5}{2}}}{1=2} \frac{1}{1=0} \frac{2}{1=1} \frac{n}{1=0} \] c) Bo: Sun++; $\int ART_{4c}(n) = \sum_{i=1}^{n} \sum_{j=1}^{n^2-1} \sum_{i=1}^{n} n^2 = n^3$ (5) a) Bo! $\sqrt{sum++}$ ARTsa \sqrt{sn} = $\frac{s}{s}$ $\frac{s}{s$ b) $ART_{56}(n) = \sum_{i=1}^{n} \sum_{j=0}^{i^2-1} \sum_{k=0}^{j-1} \sum_{i=1}^{i^2-1} \sum_{j=0}^{i^2-1} \sum_{k=0}^{i^2-1} \sum_{j=0}^{i^2-1} \sum_{j=0}^{i^2-1} \sum_{k=0}^{i^2-1} \sum_{j=0}^{i^2-1} \sum$ $= \sum_{i=1}^{n} \frac{i^{2}-1}{j} = \sum_{i=1}^{n} \frac{i^{2}(i^{2}-1)}{2} = \frac{1}{2} \left(\sum_{i=1}^{n} (i^{4}-i^{2}) \right)$ $= \sum_{i=1}^{n} \frac{1}{j} = \sum_{i=1}^{n} \frac{1}{2} \left(\sum_{i=1}^{n} (i^{4}-i^{2}) \right)$

