

### 3. Radix Sort

CAP, COL, USD, SUN, JPY, VEE, ROW, JOB, COX, LOL, RAT, WOW, DOD, CAR, FIG, PIG, VIS, LOW, LOX, VEA, CAD, DOG, TSL

1<sup>st</sup> iteration

A	VEA
B	JOB
D	USD, DOD, CAD
E	VEE
G	FIG, PIG, DOG
L	COL, LOL, TSL
N	SUN
P	CAP
R	CAR
S	VIS
T	RAT
W	ROW, WOW, LOW
X	COX, LOX
Y	JPY

2<sup>nd</sup> iteration

A	CAD, CAP, CAR, RAT
E	VEA, VEE
I	FIG, PIG, VIS
O	JOB, DOD, DOG, COL, LOL, ROW, WOW, LOW, COX, LOX
P	JPY
S	USD, TSL
U	SUN

→  
3<sup>rd</sup>  
iteration

1<sup>st</sup> Iteration

[VEA, JOB, USD, DOD, CAD, VEE, FIG, PIG, DOG, COL, LOL, TSL, SUN, CAP, CAR, VIS, RAT, ROW, WOW, LOW, COX, LOX, JPY]

2<sup>nd</sup> Iteration

[CAD, CAP, CAR, RAT, VEA, VEE, FIG, PIG, VIS, JOB, DOD, DOG, COL, LOL, ROW, WOW, LOW, COX, LOX, JPY, USD, TSL, SUN]

3<sup>rd</sup> iteration

[CAD, CAP, CAR, COL, COX, DOD, DOG, FIG, JOB, LOL, LOW, LOX, SUN, TSL, USD, VEA, VEE, VIS, WOW]