[Case 1] Group A, B, C size is same. (size ratio = 10:10:10)

@ Group A: 0-9, B: 10-19, C: 20-29

A-A, B-B Similarity: Uniform(0.9, 1)

A-B, B-A Similarity: Uniform(0.0, 3)

**A-C, B-C Similarity: Uniform (0.3, 0.4) # Even though this value is quite low, output is still good.**

C-C Similarity: Uniform(0.7, 0.9)

-------------------------- case 1 ---------------------------

This is the sorted output: [(26, 0.034510392069595164), (24, 0.03438614541447139), (29, 0.03436972145617385), (25, 0.034355287410562485), (22, 0.034267892184933466), (20, 0.03410472436541801), (16, 0.03402916165675285), (27, 0.033965199827716744), (21, 0.033837834391204656), (28, 0.033804057910309174), (23, 0.03371753060216606), (3, 0.03365586942363729), (19, 0.033523234949768825), (18, 0.03344042259178128), (1, 0.03329124779082707), (5, 0.03321955831466386), (14, 0.033215067755201846), (12, 0.033095153085519934), (6, 0.03308221628155189), (15, 0.033081233157718055), (0, 0.03307053553629594), (4, 0.03306981569497822), (7, 0.032831251791126004), (9, 0.03272462511765434), (13, 0.032658889703453806), (2, 0.032621886262386705), (11, 0.0325143014966027), (10, 0.032234800492242824), (17, 0.03217253305561959), (8, 0.031149410209665815)]

Top 10 values are [(26, 0.034510392069595164), (24, 0.03438614541447139), (29, 0.03436972145617385), (25, 0.034355287410562485), (22, 0.034267892184933466), (20, 0.03410472436541801), (16, 0.03402916165675285), (27, 0.033965199827716744), (21, 0.033837834391204656)]

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[Case 2] Group C is large. (size ratio = 5:5:20)

@ Group A: 0-4, B: 5-9, C: 10-29

A-A, B-B Similarity: Uniform(0.9, 1)

A-B, B-A Similarity: Uniform(0.0, 3)

**A-C, B-C Similarity: Uniform (0.3, 0.4) # Even though this value is quite low, output is still good.**

C-C Similarity: Uniform(0.7, 0.9)

-------------------------- case 2 ---------------------------

This is the sorted output: [(23, 0.037839286922478295), (18, 0.03776445247649138), (10, 0.037567117593453304), (19, 0.03755694328972067), (16, 0.0375278482188147), (24, 0.037397240117803605), (29, 0.03737591043699115), (14, 0.03720092643076751), (22, 0.0371761445358833), (27, 0.0371384322134783), (21, 0.03712920957434372), (25, 0.037093439942663356), (13, 0.03702756443364268), (11, 0.036963264133628715), (28, 0.03693894604962087), (17, 0.036900749283245174), (26, 0.036877750792706776), (20, 0.036814059806659444), (15, 0.03650705886426119), (12, 0.03598532310315413), (9, 0.02647444344771348), (8, 0.026214210818161755), (3, 0.026076746015671278), (6, 0.02580993887741674), (2, 0.025751250424346853), (4, 0.025647853148933156), (5, 0.025419102974321702), (1, 0.025405045947953057), (7, 0.025373187080090023), (0, 0.02504655304558358)]

Top 10 values are [(23, 0.037839286922478295), (18, 0.03776445247649138), (10, 0.037567117593453304), (19, 0.03755694328972067), (16, 0.0375278482188147), (24, 0.037397240117803605), (29, 0.03737591043699115), (14, 0.03720092643076751), (22, 0.0371761445358833)]

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[Case 3] Group C is small. (size ratio = 13:13:4)

@ Group A: 0-12, B: 13-25, C: 26-29

A-A, B-B Similarity: Uniform(0.9, 1)

A-B, B-A Similarity: Uniform(0.0, 3)

**A-C, B-C Similarity: Uniform (0.6, 0.8) # In this case, this value should be quite large to make the good output.**

C-C Similarity: Uniform(0.7, 0.9)

-------------------------- case 3 ---------------------------

This is the sorted output: [(29, 0.04051156323908973), (26, 0.040095003589051624), (28, 0.03997444148251743), (27, 0.03932242055345516), (17, 0.033104541155139146), (13, 0.03309037032024026), (21, 0.03283774572389966), (6, 0.032773314240676844), (0, 0.032757140282958494), (10, 0.0326339531201277), (4, 0.032585254554139284), (7, 0.032580983438433984), (16, 0.0325418825536506), (9, 0.03251075873098679), (8, 0.03245164884992273), (12, 0.03239007074784306), (3, 0.0323604421852259), (20, 0.032343670675748726), (22, 0.03225170655866202), (19, 0.03217338817134339), (15, 0.032171429558981654), (2, 0.03216087598631886), (18, 0.03211191334237191), (14, 0.032085101411914854), (1, 0.03207574708216699), (25, 0.032074818599184096), (11, 0.03194596768653491), (23, 0.03184060010396009), (5, 0.03138865287135293), (24, 0.03085459318410113)]

Top 10 values are [(29, 0.04051156323908973), (26, 0.040095003589051624), (28, 0.03997444148251743), (27, 0.03932242055345516), (17, 0.033104541155139146), (13, 0.03309037032024026), (21, 0.03283774572389966), (6, 0.032773314240676844), (0, 0.032757140282958494)]

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