

OUTPUT

166.62.28.109 - PuTTY

```
p7t5dganb0p0@sg2plcpnl0033 [~]$ g++ -std=gnu++0x pid.cpp
p7t5dganb0p0@sg2plcpnl0033 [~]$ ./a.out
```

The Data Structure was created successfully.

```
Process 1: pid = 300
Process 2: pid = 301
Process 3: pid = 302
Process 4: pid = 303
Process 5: pid = 304
Process 6: pid = 305
Process 7: pid = 306
Process 8: pid = 307
Process 9: pid = 308
Process 10: pid = 309
Process 11: pid = 310
Process 12: pid = 311
Process 13: pid = 312
Process 14: pid = 313
Process 15: pid = 314
Process 16: pid = 315
Process 17: pid = 316
Process 18: pid = 317
Process 19: pid = 318
Process 20: pid = 319
Process 21: pid = 320
Process 22: pid = 321
Process 23: pid = 322
Process 24: pid = 323
Process 25: pid = 324
Process 26: pid = 325
Process 27: pid = 326
Process 28: pid = 327
Process 29: pid = 328
Process 30: pid = 329
Process 31: pid = 330
Process 32: pid = 331
Process 33: pid = 332
Process 34: pid = 333
Process 35: pid = 334
Process 36: pid = 335
Process 37: pid = 336
Process 38: pid = 337
Process 39: pid = 338
Process 40: pid = 339
Process 41: pid = 340
Process 42: pid = 341
Process 43: pid = 342
Process 44: pid = 343
Process 45: pid = 344
Process 46: pid = 345
Process 47: pid = 346
Process 48: pid = 347
Process 49: pid = 348
Process 50: pid = 349
Process 51: pid = 350
Process 52: pid = 351
Process 53: pid = 352
Process 54: pid = 353
Process 55: pid = 354
Process 56: pid = 355
Process 57: pid = 356
Process 58: pid = 357
Process 59: pid = 358
```

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```
Process 57: pid = 356
Process 58: pid = 357
Process 59: pid = 358
Process 60: pid = 359
Process 61: pid = 360
Process 62: pid = 361
Process 63: pid = 362
Process 64: pid = 363
Process 65: pid = 364
Process 66: pid = 365
Process 67: pid = 366
Process 68: pid = 367
Process 69: pid = 368
Process 70: pid = 369
Process 71: pid = 370
Process 72: pid = 371
Process 73: pid = 372
Process 74: pid = 373
Process 75: pid = 374
Process 76: pid = 375
Process 77: pid = 376
Process 78: pid = 377
Process 79: pid = 378
Process 80: pid = 379
Process 81: pid = 380
Process 82: pid = 381
Process 83: pid = 382
Process 84: pid = 383
Process 85: pid = 384
Process 86: pid = 385
Process 87: pid = 386
Process 88: pid = 387
Process 89: pid = 388
Process 90: pid = 389
Process 91: pid = 390
Process 92: pid = 391
Process 93: pid = 392
Process 94: pid = 393
Process 95: pid = 394
Process 96: pid = 395
Process 97: pid = 396
Process 98: pid = 397
Process 99: pid = 398
Process 100: pid = 399
PID 300 released.
Process 100 : pid = 300
PID 301 released.
PID 302 released.
PID 303 released.
PID 304 released.
PID 305 released.
Process 96 : pid = 301
PID 306 released.
PID 307 released.
PID 308 released.
PID 309 released.
PID 310 released.
Process 92 : pid = 302
PID 311 released.
PID 312 released.
PID 313 released.
PID 314 released.
PID 315 released.
Process 88 : pid = 303
```

OUTPUT

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```
Process 88 : pid = 303
PID 316 released.
PID 317 released.
PID 318 released.
PID 319 released.
PID 320 released.
Process 84 : pid = 304
PID 321 released.
PID 322 released.
PID 323 released.
PID 324 released.
PID 325 released.
Process 80 : pid = 305
PID 326 released.
PID 327 released.
PID 328 released.
PID 329 released.
PID 330 released.
Process 76 : pid = 306
PID 331 released.
PID 332 released.
PID 333 released.
PID 334 released.
PID 335 released.
Process 72 : pid = 307
PID 336 released.
PID 337 released.
PID 338 released.
PID 339 released.
PID 340 released.
Process 68 : pid = 308
PID 341 released.
PID 342 released.
PID 343 released.
PID 344 released.
PID 345 released.
Process 64 : pid = 309
PID 346 released.
PID 347 released.
```

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```
PID 323 released.
PID 324 released.
PID 325 released.
Process 80 : pid = 305
PID 326 released.
PID 327 released.
PID 328 released.
PID 329 released.
PID 330 released.
Process 76 : pid = 306
PID 331 released.
PID 332 released.
PID 333 released.
PID 334 released.
PID 335 released.
Process 72 : pid = 307
PID 336 released.
PID 337 released.
PID 338 released.
PID 339 released.
PID 340 released.
Process 68 : pid = 308
PID 341 released.
PID 342 released.
PID 343 released.
PID 344 released.
PID 345 released.
Process 64 : pid = 309
PID 346 released.
PID 347 released.
PID 348 released.
PID 349 released.
PID 350 released.
Process 60 : pid = 310
PID 351 released.
PID 352 released.
PID 353 released.
PID 354 released.
PID 355 released.
Process 56 : pid = 311
PID 356 released.
PID 357 released.
```