

HW9. Vertex Coloring

Deadline: 2022-1-14 23:59:59

generated at : 2022-1-15 03:05:02

[illegible]

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|---------------------------|------|-------------------------|-------|----------|-----|----|----|----|----|--------|-------|---------|----|-------|------|-------|----|----|---------------|
| 109652042 | 1.00 | 2.82 M | 10 ms | 15.46 MB | 0 B | 0 | 0 | 0 | 0 | cpp | 382 | 3.34 MB | 0 | 0.999 | 0.01 | 1.000 | 75 | 90 | 1/11 16:56:44 |
| 109550082 | 1.00 | 2.81 M | 10 ms | 15.46 MB | 0 B | 0 | 0 | 0 | 0 | cpp | 386 | 3.34 MB | 0 | 0.999 | 0.01 | 1.000 | 75 | 90 | 1/14 19:29:56 |
| 109550049 | 1.00 | 2.82 M | 10 ms | 15.46 MB | 0 B | 0 | 0 | 0 | 0 | cpp | 383 | 3.32 MB | 0 | 0.999 | 0.01 | 1.000 | 75 | 90 | 1/6 15:34:40 |
| 0711624 | 1.00 | 2.81 M | 10 ms | 15.46 MB | 0 B | 0 | 0 | 0 | 0 | cpp | 384 | 3.33 MB | 0 | 0.999 | 0.01 | 1.000 | 75 | 90 | 1/13 13:05:00 |
| 109550168 | 1.00 | 2.81 M | 10 ms | 15.46 MB | 0 B | 0 | 0 | 0 | 0 | cpp | 391 | 3.32 MB | 0 | 0.999 | 0.01 | 1.000 | 75 | 90 | 1/8 18:09:40 |
| 0712211 | 1.00 | 2.82 M | 10 ms | 15.46 MB | 0 B | 0 | 0 | 0 | 0 | cpp | 388 | 3.36 MB | 0 | 0.999 | 0.01 | 1.000 | 75 | 90 | 1/5 02:53:54 |
| 109550164 | 1.00 | 2.82 M | 10 ms | 15.46 MB | 0 B | 0 | 0 | 0 | 0 | cpp | 385 | 3.33 MB | 0 | 0.999 | 0.01 | 1.000 | 75 | 90 | 1/8 16:04:53 |
| 109550044 | 1.00 | 2.84 M | 10 ms | 15.48 MB | 0 B | 0 | 0 | 0 | 0 | cpp | 390 | 3.27 MB | 0 | 0.999 | 0.01 | 1.000 | 75 | 90 | 1/5 21:33:13 |
| 610001007 | 1.00 | 2.84 M | 10 ms | 15.46 MB | 0 B | 0 | 0 | 0 | 0 | cpp | 423 | 3.43 MB | 0 | 0.998 | 0.01 | 1.000 | 75 | 90 | 1/4 15:47:51 |
| 0816003 | 1.00 | 2.83 M | 10 ms | 15.61 MB | 0 B | 0 | 0 | 0 | 0 | cpp | 416 | 3.27 MB | 0 | 0.998 | 0.01 | 1.000 | 75 | 90 | 1/13 15:17:28 |
| M093638 | 1.00 | 54.07 M | 20 ms | 73 MB | 0 B | 0 | 0 | 0 | 0 | python | 1.3 K | 8.76 MB | 0 | 0.762 | 4.39 | 1.000 | 57 | 87 | 1/12 14:54:48 |
| 109550020 | 1.00 | 2.87 M | 10 ms | 15.46 MB | 0 B | 1 | 0 | 0 | 0 | cpp | 398 | 3.36 MB | 0 | 0.998 | 0.01 | 0.950 | 75 | 85 | 1/12 00:01:16 |
| 610001005 | 0.50 | 2.89 M | 10 ms | 15.46 MB | 0 B | 0 | 0 | 0 | 0 | cpp | 381 | 3.09 MB | 0 | 0 | 0.00 | 0.500 | 0 | 25 | 1/15 00:00:14 |
| 109550154 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | 12 | 0 | 0.00 | 0.000 | 0 | 0 | 1/14 23:59:59 |

number of submission = 83

number of effective submission (priority>0) = 81

remaining p_score = 0.00

[Field Definitions](#)

```

if (gcc | illegal_func | illegal_header | missing),
    priority = 0
    func = 0
else,
    func = check * (0.95^m_error)
    if ( check==1 ),
        perf_I1 = lg(2+2910283)/lg(2+I_refs)
        perf_I2 = lg(2+10000)/lg(2+cpu_time) )
        perf_I = (perf_I1>0) ? perf_I1 : perf_I2
        priority = perf_I * max( lg(2+16207872)/lg(2+m_peak) , lg(2+385*3477504)/lg(2+flt*maxrss) )
    else,
        priority = 0

p_score = schedule(6000, priority)

if (m_peak > 0),
    func *= (m_peak-heap_lost)/m_peak

diversity = -ln( [number of effective submissions using the same language] / [number of effective submissions] ) * 1.00

score = min( func*(0.60*100 + 0.40*p_score + diversity), 100)

```