Experiment 1:

timer1 publishing at rate 1 (message per second),

timer2 publishing at rate 2,

timer3 publishing at rate 3,

subscriber receiving at rate (instant),

pub queue size 1, sub queue size 1

(6 garbage messages also published into the topic initially)

output:

```
● vboxuser@ubuntu:~/ros2_ws$ ros2 launch pub_sub launch_file.py
  [INFO] [launch]: All log files can be found below /home/vboxuser/.ros/log/2023-04-08-13-47-50-115055-ubuntu-19672
  [INFO] [launch]: Default logging verbosity is set to INFO
  [INFO] [talker1-1]: process started with pid [19673]
  [INFO] [listener-2]: process started with pid [19675]
  [listener-2] [INFO] [1680979670.909695161] [listener]: I heard: "Publishing garbage 6"
  [listener-2] [INFO] [1680979675.880412840] [listener]: I heard: "timer1: 1"
  [talker1-1] [INFO] [1680979675.917207181] [talker1]: Publishing: "timer1: 1"
  [talker1-1] [INFO] [1680979675.918706893] [talker1]: Publishing: "timer2: 1"
  [listener-2] [INFO] [1680979675.919401715] [listener]: I heard: "timer2: 1"
  [talker1-1] [INFO] [1680979675.919877334] [talker1]: Publishing: "timer3:  1"
  [listener-2] [INFO] [1680979675.920907020] [listener]: I heard: "timer3:  1"
  [talker1-1] [INFO] [1680979676.876290497] [talker1]: Publishing: "timer1: 2"
  [listener-2] [INFO] [1680979676.876708681] [listener]: I heard: "timer1: 2"
  [talker1-1] [INFO] [1680979676.877530697] [talker1]: Publishing: "timer2: 2"
  [listener-2] [INFO] [1680979676.878275076] [listener]: I heard: "timer2: 2"
  [talker1-1] [INFO] [1680979676.878822065] [talker1]: Publishing: "timer3:  2"
  [listener-2] [INFO] [1680979676.879703091] [listener]: I heard: "timer3:  2"
  [talker1-1] [INFO] [1680979677.876175380] [talker1]: Publishing: "timer1: 3"
  [listener-2] [INFO] [1680979677.876512722] [listener]: I heard: "timer1: 3"
  [talker1-1] [INFO] [1680979678.875601589] [talker1]: Publishing: "timer1: 4"
  [listener-2] [INFO] [1680979678.876026103] [listener]: I heard: "timer1: 4"
  [talker1-1] [INFO] [1680979678.876819445] [talker1]: Publishing: "timer2: 3"
  [listener-2] [INFO] [1680979678.877431253] [listener]: I heard: "timer2: 3"
  [talker1-1] [INFO] [1680979679.876059299] [talker1]: Publishing: "timer1: 5"
  [listener-2] [INFO] [1680979679.876499424] [listener]: I heard: "timer1: 5"
  [talker1-1] [INFO] [1680979679.877365199] [talker1]: Publishing: "timer3:  3"
  [listener-2] [INFO] [1680979679.877998120] [listener]: I heard: "timer3:  3"
  [talker1-1] [INFO] [1680979680.876245409] [talker1]: Publishing: "timer1: 6"
  [listener-2] [INFO] [1680979680.876669444] [listener]: I heard: "timer1: 6"
  [talker1-1] [INFO] [1680979680.877420872] [talker1]: Publishing: "timer2: 4"
  [listener-2] [INFO] [1680979680.878135053] [listener]: I heard: "timer2: 4"
  [talker1-1] [INFO] [1680979681.876314693] [talker1]: Publishing: "timer1: 7"
  [listener-2] [INFO] [1680979681.876663829] [listener]: I heard: "timer1: 7"
```

Results: Only the last garbage message is transferred. After that, every message is transferred while spinning.

Experiment 2:

timer1 publishing at rate 1 (message per second),

timer2 publishing at rate 2,

timer3 publishing at rate 3,

subscriber receiving at rate (instant),

pub queue size 100, sub queue size 1,

(6 garbage messages also published into the topic initially)

output:

```
● vboxuser@ubuntu:~/ros2_ws$ ros2 launch pub_sub launch_file.py
  [INFO] [launch]: All log files can be found below /home/vboxuser/.ros/log/2023-04-08-14-04-31-444797-ubuntu-23019
  [INFO] [launch]: Default logging verbosity is set to INFO
  [INFO] [talker1-1]: process started with pid [23020]
  [INFO] [listener-2]: process started with pid [23022]
  [listener-2] [INFO] [1680980674.218711230] [listener]: I heard: "Publishing garbage 6"
  [listener-2] [INFO] [1680980677.188719114] [listener]: I heard: "timer1: 1"
  [talker1-1] [INFO] [1680980677.226520410] [talker1]: Publishing: "timer1: 1"
  [talker1-1] [INFO] [1680980677.227910264] [talker1]: Publishing: "timer2: 1"
  [listener-2] [INFO] [1680980677.228682266] [listener]: I heard: "timer2: 1"
  [talker1-1] [INFO] [1680980677.229091211] [talker1]: Publishing: "timer3:  1"
  [listener-2] [INFO] [1680980677.230207310] [listener]: I heard: "timer3:  1"
  [talker1-1] [INFO] [1680980678.183346227] [talker1]: Publishing: "timer1: 2"
  [listener-2] [INFO] [1680980678.183732578] [listener]: I heard: "timer1: 2"
  [talker1-1] [INFO] [1680980678.184518634] [talker1]: Publishing: "timer2: 2"
  [listener-2] [INFO] [1680980678.185266944] [listener]: I heard: "timer2: 2"
  [talker1-1] [INFO] [1680980678.185684310] [talker1]: Publishing: "timer3:  2"
  [listener-2] [INFO] [1680980678.186779667] [listener]: I heard: "timer3:  2"
  [talker1-1] [INFO] [1680980679.183555806] [talker1]: Publishing: "timer1: 3"
  [listener-2] [INFO] [1680980679.184585894] [listener]: I heard: "timer1: 3"
  [talker1-1] [INFO] [1680980680.183460820] [talker1]: Publishing: "timer1: 4"
  [listener-2] [INFO] [1680980680.183913796] [listener]: I heard: "timer1: 4"
  [talker1-1] [INFO] [1680980680.184683329] [talker1]: Publishing: "timer2: 3"
  [listener-2] [INFO] [1680980680.185376669] [listener]: I heard: "timer2: 3"
  [talker1-1] [INFO] [1680980681.181347186] [talker1]: Publishing: "timer1: 5"
  [listener-2] [INFO] [1680980681.182436409] [listener]: I heard: "timer1: 5"
  [talker1-1] [INFO] [1680980681.182625103] [talker1]: Publishing: "timer3:  3"
  [listener-2] [INFO] [1680980681.183882689] [listener]: I heard: "timer3:  3"
  [talker1-1] [INFO] [1680980682.181143145] [talker1]: Publishing: "timer1: 6"
  [listener-2] [INFO] [1680980682.182120456] [listener]: I heard: "timer1: 6"
  [talker1-1] [INFO] [1680980682.182409235] [talker1]: Publishing: "timer2: 4"
  [listener-2] [INFO] [1680980682.183654074] [listener]: I heard: "timer2: 4"
  ^X[talker1-1] [INFO] [1680980683.181158284] [talker1]: Publishing: "timer1: 7"
  [listener-2] [INFO] [1680980683.182126560] [listener]: I heard: "timer1: 7"
  ^C[WARNING] [launch]: user interrupted with ctrl c (SIGINT)
```

Results: **Same as previous.** Only the last garbage message is transferred. After that, every message is transferred while spinning. **The behavior remained the same even after increasing publishing queue size** (also checked for queue size 9 and 2).

Experiment 3:

timer1 publishing at rate 1 (message per second),

timer2 publishing at rate 2,

timer3 publishing at rate 3,

subscriber receiving at rate (instant),

pub queue size 1, **sub queue size 100**

(6 garbage messages also published into the topic initially)

output:

```
● vboxuser@ubuntu:~/ros2_ws$ ros2 launch pub_sub launch_file.py
  [INFO] [launch]: All log files can be found below /home/vboxuser/.ros/log/2023-04-08-14-11-44-040446-ubuntu-23616
  [INFO] [launch]: Default logging verbosity is set to INFO
  [INFO] [talker1-1]: process started with pid [23617]
  [INFO] [listener-2]: process started with pid [23619]
  [listener-2] [INFO] [1680981106.838463760] [listener]: I heard: "Publishing garbage 1"
  [listener-2] [INFO] [1680981106.840902023] [listener]: I heard: "Publishing garbage 2"
  [listener-2] [INFO] [1680981106.843056771] [listener]: I heard: "Publishing garbage 3"
  [listener-2] [INFO] [1680981106.845251830] [listener]: I heard: "Publishing garbage 4"
  [listener-2] [INFO] [1680981106.847390802] [listener]: I heard: "Publishing garbage 5"
  [listener-2] [INFO] [1680981106.849345842] [listener]: I heard: "Publishing garbage 6"
  [listener-2] [INFO] [1680981109.808418389] [listener]: I heard: "timer1: 1"
  [talker1-1] [INFO] [1680981109.844959661] [talker1]: Publishing: "timer1: 1"
  [talker1-1] [INFO] [1680981109.846414644] [talker1]: Publishing: "timer2: 1"
  [listener-2] [INFO] [1680981109.847598473] [listener]: I heard: "timer2: 1"
  [talker1-1] [INFO] [1680981109.847654702] [talker1]: Publishing: "timer3:  1"
  [listener-2] [INFO] [1680981109.850388811] [listener]: I heard: "timer3:  1"
  [talker1-1] [INFO] [1680981110.802223185] [talker1]: Publishing: "timer1: 2"
  [listener-2] [INFO] [1680981110.803232704] [listener]: I heard: "timer1: 2"
  [talker1-1] [INFO] [1680981110.803443397] [talker1]: Publishing: "timer2: 2"
  [talker1-1] [INFO] [1680981110.804658250] [talker1]: Publishing: "timer3:  2"
  [listener-2] [INFO] [1680981110.804826091] [listener]: I heard: "timer2: 2"
  [listener-2] [INFO] [1680981110.806328438] [listener]: I heard: "timer3:  2"
  [talker1-1] [INFO] [1680981111.802145741] [talker1]: Publishing: "timer1: 3"
  [listener-2] [INFO] [1680981111.802482701] [listener]: I heard: "timer1: 3"
  [talker1-1] [INFO] [1680981112.801487212] [talker1]: Publishing: "timer1: 4"
  [listener-2] [INFO] [1680981112.801790178] [listener]: I heard: "timer1: 4"
  [talker1-1] [INFO] [1680981112.802836323] [talker1]: Publishing: "timer2: 3"
  [listener-2] [INFO] [1680981112.803328404] [listener]: I heard: "timer2: 3"
  [talker1-1] [INFO] [1680981113.801455648] [talker1]: Publishing: "timer1: 5"
  [listener-2] [INFO] [1680981113.801692382] [listener]: I heard: "timer1: 5"
  [talker1-1] [INFO] [1680981113.802724244] [talker1]: Publishing: "timer3:  3"
  [listener-2] [INFO] [1680981113.803249501] [listener]: I heard: "timer3:  3"
  [talker1-1] [INFO] [1680981114.802091349] [talker1]: Publishing: "timer1: 6"
  [listener-2] [INFO] [1680981114.802457154] [listener]: I heard: "timer1: 6"
  [talker1-1] [INFO] [1680981114.803358994] [talker1]: Publishing: "timer2: 4"
  [listener-2] [INFO] [1680981114.803876709] [listener]: I heard: "timer2: 4"
```

Results: All the 6 garbage messages are transferred. After that, every message is transferred while spinning. **Subscriber size is important!!! (Same results for subQ size 6, 10)**

Experiment 4:

timer1 publishing at rate 1 (message per second),

timer2 publishing at rate 2,

timer3 publishing at rate 3,

subscriber receiving at rate (instant),

pub queue size 1, **sub queue size 4**

(6 garbage messages also published into the topic initially)

output:

```
● vboxuser@ubuntu:~/ros2_ws$ ros2 launch pub_sub launch_file.py
  [INFO] [launch]: All log files can be found below /home/vboxuser/.ros/log/2023-04-08-14-20-38-614822-ubuntu-24603
  [INFO] [launch]: Default logging verbosity is set to INFO
  [INFO] [talker1-1]: process started with pid [24607]
  [INFO] [listener-2]: process started with pid [24609]
  [listener-2] [INFO] [1680981641.382273528] [listener]: I heard: "Publishing garbage 3"
  [listener-2] [INFO] [1680981641.384422270] [listener]: I heard: "Publishing garbage 4"
  [listener-2] [INFO] [1680981641.385942580] [listener]: I heard: "Publishing garbage 5"
  [listener-2] [INFO] [1680981641.387567838] [listener]: I heard: "Publishing garbage 6"
  [listener-2] [INFO] [1680981644.353023789] [listener]: I heard: "timer1: 1"
  [talker1-1] [INFO] [1680981644.389704539] [talker1]: Publishing: "timer1: 1"
  [talker1-1] [INFO] [1680981644.391102400] [talker1]: Publishing: "timer2: 1"
  [listener-2] [INFO] [1680981644.391557834] [listener]: I heard: "timer2: 1"
  [talker1-1] [INFO] [1680981644.392288825] [talker1]: Publishing: "timer3:  1"
  [listener-2] [INFO] [1680981644.393000176] [listener]: I heard: "timer3:  1"
  [talker1-1] [INFO] [1680981645.348156595] [talker1]: Publishing: "timer1: 2"
  [listener-2] [INFO] [1680981645.348526855] [listener]: I heard: "timer1: 2"
  [talker1-1] [INFO] [1680981645.349383598] [talker1]: Publishing: "timer2: 2"
  [listener-2] [INFO] [1680981645.350017715] [listener]: I heard: "timer2: 2"
  [talker1-1] [INFO] [1680981645.350623377] [talker1]: Publishing: "timer3:  2"
  [listener-2] [INFO] [1680981645.351455214] [listener]: I heard: "timer3:  2"
  [talker1-1] [INFO] [1680981646.349101931] [talker1]: Publishing: "timer1: 3"
  [listener-2] [INFO] [1680981646.349396482] [listener]: I heard: "timer1: 3"
  [talker1-1] [INFO] [1680981647.349081005] [talker1]: Publishing: "timer1: 4"
  [listener-2] [INFO] [1680981647.349394409] [listener]: I heard: "timer1: 4"
  [talker1-1] [INFO] [1680981647.350459298] [talker1]: Publishing: "timer2: 3"
  [listener-2] [INFO] [1680981647.350951387] [listener]: I heard: "timer2: 3"
  [talker1-1] [INFO] [1680981648.348490142] [talker1]: Publishing: "timer1: 5"
  [listener-2] [INFO] [1680981648.348873540] [listener]: I heard: "timer1: 5"
  [talker1-1] [INFO] [1680981648.349661958] [talker1]: Publishing: "timer3:  3"
  [listener-2] [INFO] [1680981648.350401447] [listener]: I heard: "timer3:  3"
  [talker1-1] [INFO] [1680981649.348690203] [talker1]: Publishing: "timer1: 6"
  [listener-2] [INFO] [1680981649.348895240] [listener]: I heard: "timer1: 6"
  [talker1-1] [INFO] [1680981649.350023445] [talker1]: Publishing: "timer2: 4"
  [listener-2] [INFO] [1680981649.350515758] [listener]: I heard: "timer2: 4"
  [talker1-1] [INFO] [1680981650.348875735] [talker1]: Publishing: "timer1: 7"
  [listener-2] [INFO] [1680981650.349196997] [listener]: I heard: "timer1: 7"
  [talker1-1] [INFO] [1680981651.348137412] [talker1]: Publishing: "timer1: 8"
  [listener-2] [INFO] [1680981651.348378883] [listener]: I heard: "timer1: 8"
  [talker1-1] [INFO] [1680981651.349854112] [talker1]: Publishing: "timer2: 5"
  [listener-2] [INFO] [1680981651.350005223] [listener]: I heard: "timer2: 5"
```

Results: Only the last 4 garbage messages are transferred (as expected). After that, every message is transferred while spinning. **This one confirms that subscriber size is more important! Increasing publisher queue size did not make any difference.**

Experiment 5:

timer1 publishing at rate 1 (message per second),

timer2 publishing at rate 2,

timer3 publishing at rate 3,

subscriber receiving at rate 2,

pub queue size 1, sub queue size 4

(6 garbage messages also published into the topic initially)

output:

```
● vboxuser@ubuntu:~/ros2_ws$ ros2 launch pub_sub launch_file.py
  [INFO] [launch]: All log files can be found below /home/vboxuser/.ros/log/2023-04-08-14-32-00-306952-ubuntu-25154
  [INFO] [launch]: Default logging verbosity is set to INFO
  [INFO] [talker1-1]: process started with pid [25155]
  [INFO] [listener-2]: process started with pid [25157]
  [listener-2] [INFO] [1680982323.088252606] [listener]: I heard: "Publishing garbage 3"
  [listener-2] [INFO] [1680982325.091997178] [listener]: I heard: "Publishing garbage 4"
  [talker1-1] [INFO] [1680982326.092639315] [talker1]: Publishing: "timer1: 1"
  [talker1-1] [INFO] [1680982326.094395111] [talker1]: Publishing: "timer2: 1"
  [talker1-1] [INFO] [1680982326.097487993] [talker1]: Publishing: "timer3:  1"
  [talker1-1] [INFO] [1680982327.054840925] [talker1]: Publishing: "timer1: 2"
  [talker1-1] [INFO] [1680982327.056140442] [talker1]: Publishing: "timer2: 2"
  [talker1-1] [INFO] [1680982327.057467193] [talker1]: Publishing: "timer3:  2"
  [listener-2] [INFO] [1680982327.096129242] [listener]: I heard: "timer3:  1"
  [talker1-1] [INFO] [1680982328.052860143] [talker1]: Publishing: "timer1: 3"
  [talker1-1] [INFO] [1680982329.053358604] [talker1]: Publishing: "timer1: 4"
  [talker1-1] [INFO] [1680982329.054799260] [talker1]: Publishing: "timer2: 3"
  [listener-2] [INFO] [1680982329.099791842] [listener]: I heard: "timer3:  2"
  [talker1-1] [INFO] [1680982330.055006181] [talker1]: Publishing: "timer1: 5"
  [talker1-1] [INFO] [1680982330.056336845] [talker1]: Publishing: "timer3:  3"
  [talker1-1] [INFO] [1680982331.052668245] [talker1]: Publishing: "timer1: 6"
  [talker1-1] [INFO] [1680982331.053964783] [talker1]: Publishing: "timer2: 4"
  [listener-2] [INFO] [1680982331.103571869] [listener]: I heard: "timer1: 5"
  [talker1-1] [INFO] [1680982332.053056476] [talker1]: Publishing: "timer1: 7"
  [talker1-1] [INFO] [1680982333.055021447] [talker1]: Publishing: "timer1: 8"
  [talker1-1] [INFO] [1680982333.056264639] [talker1]: Publishing: "timer2: 5"
  [talker1-1] [INFO] [1680982333.057623167] [talker1]: Publishing: "timer3:  4"
  [listener-2] [INFO] [1680982333.107793014] [listener]: I heard: "timer1: 7"
  [talker1-1] [INFO] [1680982334.052793121] [talker1]: Publishing: "timer1: 9"
  [talker1-1] [INFO] [1680982335.053198071] [talker1]: Publishing: "timer1: 10"
  [talker1-1] [INFO] [1680982335.054663581] [talker1]: Publishing: "timer2: 6"
  [listener-2] [INFO] [1680982335.111724046] [listener]: I heard: "timer3:  4"
  [talker1-1] [INFO] [1680982336.052770411] [talker1]: Publishing: "timer1: 11"
  [talker1-1] [INFO] [1680982336.054070768] [talker1]: Publishing: "timer3:  5"
  [talker1-1] [INFO] [1680982337.052438572] [talker1]: Publishing: "timer1: 12"
  [talker1-1] [INFO] [1680982337.053729580] [talker1]: Publishing: "timer2: 7"
  [listener-2] [INFO] [1680982337.115539101] [listener]: I heard: "timer1: 11"
  [talker1-1] [INFO] [1680982338.053325109] [talker1]: Publishing: "timer1: 13"
  [talker1-1] [INFO] [1680982339.054795687] [talker1]: Publishing: "timer1: 14"
  [talker1-1] [INFO] [1680982339.056132352] [talker1]: Publishing: "timer2: 8"
  [talker1-1] [INFO] [1680982339.057480453] [talker1]: Publishing: "timer3:  6"
  [listener-2] [INFO] [1680982339.119355864] [listener]: I heard: "timer1: 13"
  [talker1-1] [INFO] [1680982340.054537308] [talker1]: Publishing: "timer1: 15"
```

Results: The garbage message 3 and 4 is received. After that, every 4th message published to the topic queue is received as expected.

Experiment 6:

timer1 publishing at rate 1 (message per second),

timer2 publishing at rate 2,

timer3 publishing at rate 3,

subscriber receiving at rate 2,

pub queue size 10, sub queue size 1

(6 garbage messages also published into the topic initially)

output:

```
vboxuser@ubuntu:~/ros2_ws$ ros2 launch pub_sub launch_file.py
[INFO] [launch]: All log files can be found below /home/vboxuser/.ros/log/2023-04-08-14-32-00-306952-ubuntu-25154
[INFO] [launch]: Default logging verbosity is set to INFO
[INFO] [talker1-1]: process started with pid [25155]
[INFO] [listener-2]: process started with pid [25157]
[listener-2] [INFO] [1680982323.088252606] [listener]: I heard: "Publishing garbage 3"
[listener-2] [INFO] [1680982325.091997178] [listener]: I heard: "Publishing garbage 4"
[talker1-1] [INFO] [1680982326.092639315] [talker1]: Publishing: "timer1: 1"
[talker1-1] [INFO] [1680982326.094395111] [talker1]: Publishing: "timer2: 1"
[talker1-1] [INFO] [1680982326.097487993] [talker1]: Publishing: "timer3:  1"
[talker1-1] [INFO] [1680982327.054840925] [talker1]: Publishing: "timer1: 2"
[talker1-1] [INFO] [1680982327.056140442] [talker1]: Publishing: "timer2: 2"
[talker1-1] [INFO] [1680982327.057467193] [talker1]: Publishing: "timer3:  2"
[listener-2] [INFO] [1680982327.096129242] [listener]: I heard: "timer3:  1"
[talker1-1] [INFO] [1680982328.052860143] [talker1]: Publishing: "timer1: 3"
[talker1-1] [INFO] [1680982329.053358604] [talker1]: Publishing: "timer1: 4"
[talker1-1] [INFO] [1680982329.054799260] [talker1]: Publishing: "timer2: 3"
[listener-2] [INFO] [1680982329.099791842] [listener]: I heard: "timer3:  2"
[talker1-1] [INFO] [1680982330.055006181] [talker1]: Publishing: "timer1: 5"
[talker1-1] [INFO] [1680982330.056336845] [talker1]: Publishing: "timer3:  3"
[talker1-1] [INFO] [1680982331.052668245] [talker1]: Publishing: "timer1: 6"
[talker1-1] [INFO] [1680982331.053964783] [talker1]: Publishing: "timer2: 4"
[listener-2] [INFO] [1680982331.103571869] [listener]: I heard: "timer1: 5"
[talker1-1] [INFO] [1680982332.053056476] [talker1]: Publishing: "timer1: 7"
[talker1-1] [INFO] [1680982333.055021447] [talker1]: Publishing: "timer1: 8"
[talker1-1] [INFO] [1680982333.056264639] [talker1]: Publishing: "timer2: 5"
[talker1-1] [INFO] [1680982333.057623167] [talker1]: Publishing: "timer3:  4"
[listener-2] [INFO] [1680982333.107793014] [listener]: I heard: "timer1: 7"
[talker1-1] [INFO] [1680982334.052793121] [talker1]: Publishing: "timer1: 9"
[talker1-1] [INFO] [1680982335.053198071] [talker1]: Publishing: "timer1: 10"
[talker1-1] [INFO] [1680982335.054663581] [talker1]: Publishing: "timer2: 6"
[listener-2] [INFO] [1680982335.111724046] [listener]: I heard: "timer3:  4"
[talker1-1] [INFO] [1680982336.052770411] [talker1]: Publishing: "timer1: 11"
[talker1-1] [INFO] [1680982336.054070768] [talker1]: Publishing: "timer3:  5"
[talker1-1] [INFO] [1680982337.052438572] [talker1]: Publishing: "timer1: 12"
[talker1-1] [INFO] [1680982337.053729580] [talker1]: Publishing: "timer2: 7"
[listener-2] [INFO] [1680982337.115539101] [listener]: I heard: "timer1: 11"
[talker1-1] [INFO] [1680982338.053325109] [talker1]: Publishing: "timer1: 13"
[talker1-1] [INFO] [1680982339.054795687] [talker1]: Publishing: "timer1: 14"
[talker1-1] [INFO] [1680982339.056132352] [talker1]: Publishing: "timer2: 8"
[talker1-1] [INFO] [1680982339.057480453] [talker1]: Publishing: "timer3:  6"
[listener-2] [INFO] [1680982339.119355864] [listener]: I heard: "timer1: 13"
[talker1-1] [INFO] [1680982340.054537308] [talker1]: Publishing: "timer1: 15"
```

Results: The garbage message 3 and 4 is received. After that, every 4th message published to the topic queue is received.
Exactly same result as experiment 5. Increasing the publisher queue does not make any difference.