

Source

```
int iter_0 = 2;
int init = 0;
int start_0 = 2;
int reps_0 = 2;
int total = 6;

work pop 1 push 1 {
    ...
    int counter = iter_0;
    ...
    iter_0++;
    if ((iter_0-(start_0+init)-reps_0)
        % total == 0)
        iter_0 = iter_0+total-reps_0;
}
```

iter	iter++	Check	Next
0	1	$(1-0-2) = -1$	1
1	2	$(2-0-2) = 0$	6
6	7	$(7-0-2) = 5$	7
7	8	$(8-0-2) = 6$	12

```
int iter_1 = 2;
int init = 0;
int start_1 = 2;
int reps_1 = 2;
int total = 6;

work pop 1 push 1 {
    ...
    int counter = iter_1;
    ...
    iter_1++;
    if ((iter_1-(start_1+init)-reps_1)
        % total == 0)
        iter_1 = iter_1+total-reps_1;
}
```

iter	iter++	Check	Next
2	3	$(3-2-2) = -1$	3
3	4	$(4-2-2) = 0$	8
8	9	$(9-2-2) = 5$	9
9	10	$(10-2-2) = 6$	14

```
int iter_2 = 2;
int init = 0;
int start_2 = 2;
int reps_2 = 2;
int total = 6;

work pop 1 push 1 {
    ...
    int counter = iter_2;
    ...
    iter_2++;
    if ((iter_2-(start_2+init)-reps_2)
        % total == 0)
        iter_2 = iter_2+total-reps_2;
}
```

iter	iter++	Check	Next
4	5	$(5-4-2) = -1$	5
5	6	$(6-4-2) = 0$	10
10	11	$(11-4-2) = 5$	11
11	12	$(12-4-2) = 6$	16

Sink