```
Structures:
  Task: task information
  TaskArrayWithSize:
    size: integer
    array: array of Task
  Fifolwsq:
    head: integer;
    tail: integer;
    tasks: TaskArrayWithSize

constructor Fifolwsq(integer size) {
  head := 0;
  tail := 0;
  tasks := new TaskArrayWithSize(size);
}

void put(Task task) {
    Order write at 4 before write at 5
1:  h := head;
2:  t := tail;
3:  if (t = h+tasks.size) {expand(); goto 1;}
4:  tasks.array[t%tasks.size] := task;
5:  tail := t+1;
}
```