```
block_0_main              block_1_Start                                      block_13_Init
param a                   param sz                                           param sz
arg 10                    arg sz                                             size := sz
_t0 := call Start         _t0 := call Init          block_2_Sort             number :=
print _t0                 aux01 := _t0              _t0 := size - 1           number[0] := 20
                          _t1 := call Print          i := _t0               number[1] := 7
                          aux01 := _t1             _t1 := 0 - 1              number[2] := 12
                          print 99999              aux02 := _t1              number[3] := 18
                          _t2 := call Sort                                   number[4] := 2
                          aux01 := _t2                                       number[5] := 11
                          _t3 := call Print                                  number[6] := 6
                          aux01 := _t3                                       number[7] := 9
                          return 0                                           number[8] := 19
                                                                             number[9] := 5
                                                    block_9_Print            return 0
                                                    j := 0
```

```
                    block_3                              block_10
                    _t0 := aux02 < i                     _t0 := j < size
                    cmp _t0, 1                           cmp _t0, 1
```

true false   true   false

```
        block_4        block_8              block_11         block_12
        j := 1         return 0             print            return 0
                                            _t0 := j + 1
                                            j := _t0
```

true

```
        block_5
        _t1 := i + 1
        _t0 := j < _t1
        cmp _t0, 1
```

true   false

```
        block_6                      block_7
        _t0 := j - 1                 _t0 := i - 1
        aux07 := _t0                 i := _t0
        aux04 :=
        aux05 :=
        _t1 := aux05 < aux04
        _t2 := j - 1
        aux06 := _t2
        t :=
        number[aux06] :=
        number[j] := t
        _t3 := j + 1
        j := _t3
```