```
1    //P1 verifyies if read number is prime
2
3    #
4        let int a;
5        read(a);
6        let int i;
7        i = 2;
8        let bool prime;
9        prime = false;
10       while (i < a/2) do {
11           if (a % i == 0) then
12               prime = true;
13           i = i + 1;
14       };
15       if (prime) then {
16           rite("prime")
17       } else {
18           write("notPrime")
19       };
20   #
21
22   //P2 writes min of 3 read numbers;
23
24   #
25       let int a;
26       let int b;
27       let int c;
28       read(a);
29       read(b);
30       read(c);
31       if (b < a) then {
32           a = b;
33       };
34       if (c < a) then {
35           a = c;
36       };
37       write(a);
38   #
39
40   //P3 writes sum of n read numbers;
41
42   #
43       let int n;
44       let int sum;
45       let int i;
46       read(n);
47       sum = 0;
48       for (i = 0; i < n; i = i + 1) do {
49           let int x;
50           read(x);
51           sum = sum + x;
52       };
53       write(sum);
54   #
55
56   //P1err
57
58   #
59       let int a;
60       read(a);
61       let int i;
62       i = 2;
63       let bool 1sPrime;
64       1sPrime = false;
65       while (i < a/2) do {
66           if (a % i == 0) then {
67               1sPrime = true;
68           };
69           i = i + 1;
```

```
70        };
71        if (1sPrime) then {
72            write("prime)
73        } else {
74            write("notPrime")
75        };
76    #
77
```