```
//p1: verify if a number is prime

start_prg
      number n, isprime := 1;

      if n <= 1:
      start
            isprime := 0;
      stop

      loop number i := 2; i < n; i += 1:
      start
            if n % i == 0:
            start
                  isprime := 0;
            stop
      stop

      if isprime == 1:
      start
            print "nr is prime";
      stop
      else:
      start
            print "nr is not prime";
      stop
end_prg

//p2: compute the max of 3 numbers
start_prg
      number a, b, c, greatest := a;

      if greatest < b:
      start
            greatest := b;
      stop
      elseif greatest < c:
      start
            greatest := c;
      stop

      print greatest;
end_prg


//p3: compute the sum of n numbers
start_prg
      number limit, sum := 0;
      vector[number] v[limit];

      loop number i = 0; i < limit; i += 1:
      start
            sum += v[i];
      stop

      print sum;
end_prg
```

```
//p1err
start_prg
      number n, 4start := 1;

      if n <= 1:
      start
            start := 0;
      stop

      loop number i := 2; i < n; i += 1:
      start
            if n % i == 0:
            start
                  start := 0;
            stop
      stop

      if start == 1:
      start
            print "nr is prime";
      stop
      else:
      start
            print "nr is not prime;
      stop
end_prg
```