1)Max of a or b

```
COD
  a: ALBA_NEAGRA~
  b: ALBA_NEAGRA~
ONWARD
  SCAN(a)~
  SCAN(b)~
  CHOOSE(a > b) <{
    CASE TRUE: WRITE(a)~
    CASE FALSE: WRITE(b)~
  }>
AT_EASE.
```

2)Find biggest number smaller than the number given that is prime

```
COD
  n: ALBA_NEAGRA~
  i: ALBA_NEAGRA~
  is_prime: ALBA_NEAGRA~
  found_prime: ALBA_NEAGRA~
  temp: ALBA_NEAGRA~
ONWARD
  SCAN(n)~
  found_prime -> FALSE~
  i -> n - 1~

  WHILE (i > 1) PERFORM <{
    is_prime -> TRUE~
    temp -> 2~
    WHILE (temp * temp <= i) PERFORM <{
```

```
      CHOOSE (i % temp = 0) <{
        CASE TRUE: is_prime -> FALSE~
      }>
      temp -> temp + 1~
    }>

    CHOOSE is_prime <{
      CASE TRUE: found_prime -> TRUE~
    }>

    CHOOSE found_prime <{
      CASE TRUE: WRITE(i)~
    }>
    i -> i - 1~
  }>
AT_EASE.
```

3)

```
COD
  a: ALBA_NEAGRA;
  b: ALBA_NEAGRA;
  temp: ALBA_NEAGRA;
ONWARD
  SCAN(a);
  SCAN(b);

  WHILE (b <> 0) PERFORM <{
    temp := b;
```

```
    b := a % b;
    a := temp;
  }>

  WRITE(a);
AT_EASE.

1err)
1)Max of a or b
COD
  a= ALBA_NEAGRA~
  b: ALBA_NEAGRA~
ONWARD
  SCAN(a)~
  SCAN(b)~
  CHOOSE(a > b) (
    CASE TRUE: WRITE(a)~
    CASE FALSE: WRITE(b)~
  }>
AT_EASE.
```