

p1.* - compute de max of 3 numbers

a is integer;
b is integer;
c is integer;
max is integer;

give a;
give b;
give c;

max = a;

check (a > b and a > c)
 max = a;
check (b > a and b > c)
 max = b;
check (c > a and c > b)
 max = c;

see 'Max is: ' + max;

p2.* - verify if a number is prime

n is integer;
d is integer;
d = 2;
is_prime is boolean;
is_prime = true;

give n;

check (n < 2 or (n > 2 and n % 2 == 0))
 is_prime = false;

while (d < n / 2) {
 if (n % d == 0)
 is_prime = false
 d = d + 2;
}

check (is_prime == false)
 see 'The number is not prime';
else
 see 'The number is prime';

p3.* - compute the sum of n numbers

```
n is integer;  
copy is integer;  
l is integer[];  
sum is integer;  
sum = 0;  
Copy = 0;
```

give n;

```
while ( copy < n ) {  
    give l[copy];  
    sum = sum + l[copy];  
}
```

see l;

p1err.* - compute de max of 3 numbers

```
a is integer;  
b is integer;  
c is integer;
```

max is integer;

```
give a;  
give b;  
give c;
```

max = 2a;

```
check ( a > b and a > c )  
    max = a;  
check ( b > a and b > c )  
    max = b;  
check ( c > a and c > b )  
    max = c;
```

see 'Max is: + max;