```
%

*P1: compute de max of 3 numbers.
let int a=5,b=8,c=7;

if a>b and a>c then
{
 write("a is the largest number");
}
if b>a and b>c then
{
 write("b is the largest number");
}
if c>a and c>b then
{
 write("c is the largest number");
}


%
```

```
%

*P1Error: compute de max of 3 numbers.
*8b - lexical error
*s - lexical error
let int a=5,8b=8,c=7;
let string s="!abac";
if a>b and a>c then{
 write("a is the largest number");
}
if b>a and b>c then{
 write("b is the largest number");
}
if c>a and c>b then{
 write("c is the largest number");
}


%
```

%

*P2: verify if a number is prime.

```
let int n,i,m=0,ok=0;

write("Enter the number:");
read(n);
m=n/2;
for i=2 as long as i<=m with i=i+1 do
{
 if n%i==0 then{
  write("Number is not prime") ;
  ok=1   ;
  break;
 }


}
if ok==0 then
{
 write("Number is prime");
}
```

%

%

*P3: Compute the sum of natural numbers up to a given number.

```
let int n,i,sum=0;

write("Give me the n:");
read(n);
if n< 0 then {
   write("Enter a positive number");
}
else
{   sum = 0;
    while n > 0 do
    {
       sum += num;
       n -= 1;
   }
   write(sum);
}
```

%