

Lab1 - 05.10.2022

▼ p1: Compute the minimum of 3 numbers

```
begin:

  number a;
  number b;
  number c;
  number min;

  in a;
  in b;
  in c;

  min <- a;

  if (b < min):
    min <- b;
  end_if

  if (c < min):
    min <- c;
  end_if

  out min;

end
```

▼ plerr

```
begin:

  number a;
  number b;
  number c;
  number min;

  in a;
  in b;
  in c; & /* lexical error - illegal character at the end of the statement

  min <- a;

  if (b < min):
    min <- b;
  end_if
```

```

    if (c < min):
        min == c; /* lexical error - token cannot be classified
    end_if

    out min;

end

```

▼ p2: Compute the divisors of a number

```

begin:
    number a;
    number div;

    in a;

    for div<-1,a,1:
        if div mod a = 0:
            out div;
        end_if
    end_for
end

```

▼ p3: compute the sum of n numbers

```

begin:
    number sum;
    number n;
    number x;
    number i;

    sum <- 0;

    in n;

    for i<-1,n,1:
        in x;
        sum <- sum + x;
    end_for

    out sum;
end

```