https://github.com/Natan-Gabriel/FLCD

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P1- max of 3 numbers;

```
int a=readInteger(); //reads an integer from the keyboard
int b= readInteger();
int c= readInteger();
if(a>=b && a>=c){  //conditional statement
        print(“the maximum number is a”);
}
elif(b>=a && b>=c){
        print(“the maximum number is b”);
}
else{
        print(“the maximum number is c”);
}
```

P2- arithmetic average of two even numbers

```
int a=readInteger();
int b= readInteger();
if(a%2!=0 || b%2!=0){   //conditional statement
        print(“you have to input 2 even numbers”);
}
else{
        int c=(a+b)/2;
        print(“The arithmetic average of the given two even numbers is”+c);
}
```

P3-compute the sum of n numbers

```
print(“Please input n-the number of integers you want to compute the sum of”)
int n=readInteger();
int sum=0; //here we will compute the sum
int input;//here we will read the n numbers
for(int i=1;i<=n;i++){
        input=readInteger();
        sum+=input;
}
print(“The sum of the given numbers is ”+sum);
```

P1ERR. We will transform the example from P1 -max of 3 numbers.

We have an lexical error if an lexical atom cannot be classified as an identifier,constant,reserved word,separator or operator.

```
int a=readInteger();
int b= readInteger();
int = readInteger();
if(a>>b && a>=c){   //we do not have operator >>
        print(“the maximum number is a”);
}
elif(b>=a 2and b>=c){   //and is not  a  separator ,operator,reserved word or a constant
        print(“the maximum number is b”);
}
elif{
        print(“the maximum number is c”);
}
```