

<https://github.com/Natan-Gabriel/FLCD/blob/master/Lab1a.odt>

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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");
}
```

