LFCD – Lab1a

1.max of 3 numbers

```
@
        integer a,b,c;
        integer max;
        read(a,b,c);

        if a > b:
        {
                max=a;
        }
        else:
        {
                max=b;
        }

        if c > max:
        {
                max=c;
        }

        write(max);
@
```

2. If nr is prime

```
@
        integer i,n;
        integer is_prime=1;

        read(n);

        if (n is 0) or (n is 1):
        {
                is_prime=0;
        }

        for i in range(2,n/2+1):
        {
                if (n % i is 0):
                {
                        is_prime=0;
                }
```

```
        }

        if is_prime is 1:
        {
                write('Yes, it is prime!');
        }
        else:
        {
                write('No, it is not prime!');
        }
@
```

3. Compute sum of numbers

```
@
        integer size,i,x;
        integer sum=0;
        integer arr[];

        read(size);

        for i in range(0,size):
        {
                read(x);
                arr[i]=x;
        }

        for i in range(0,size):
        {
                sum=sum + arr[i];
        }

        write('Sum of' size 'numbers is' sum);

@
```

Err. 1.max of 3 numbers

```
@
        integer a,b,c;
        integer 8max;

        read(a,b,c);

        if a > b:
        {
```

```
		max=a;
	}
	else:
	{
		max=b;
	}

	if c > max:
	{
		max=c;
	}

	write(#max);
@
```