Lab 1a Radu Ceaca

P1

Compute max of 3 numbers

```
Func Main(){
        Number max, n1, n2, n3;
        Std::cin>>n1;
        Std::cin>>n2;
        Std::cin>>n3;
        max=n1;
        if(n2>max)
          max=n2;
        if(n3>max)
          max=n3;
        Std::cout<<max;
}
```

P2

Verify if a number is prime

```
Func Main(){
        Number n;
        Boolean ok;
        Std::cin>>n;
        ok=true;
        if(n<2 or n>2 and n%2==0){
                ok=false;
```

```
        }

        Number div;
        for(div=3;div*div<=n;div=div+2){
                if(n%div==0){
                   ok=false;
                }
        }

        if(ok)
        {
                Std::cout<<'prime';
        }
        else {
                Std::cout<<'not prime';
        }
}
```

P3

Compute the sum of n numbers

```
Funct Main(){
        Number n;
        Std::cin>>n;
        Number i,sum=0, nr;
        Number array[n];
        for(i=1;i<=n;i++){
            Std::cin>>nr;
```

```
        array[i]=nr;
    sum=sum+nr;
     }
     Std::cout<<'Sum:'<<sum;
}
```

P1 err

Compute min of 3 numbers

```
Func Main(){
     Number min, n1, n2, n3;
     min = 9a;      //first lexical error
     Std::cin>>n1;
     Std::cin>>n2;
     Std::cin>>n3;
     min=n1;
     if(n2>mi_n){   //second lexical error
       min=n2;
     }
     if(n3>min){
       min=n3;
     }
     Std::cout<<min;
}
```