

p1: compute the min of 3 numbers

```
var a, b, c;  
Console.ReadInteger(a);  
Console.ReadInteger(b);  
Console.ReadInteger(c);
```

```
var min = a;  
if (b < min) {  
    min = b;  
}  
if (c < min) {  
    min = c;  
}
```

```
Console.Print(min);
```

p2: check if a number is prime

```
var x;  
var isPrime = true;  
Console.ReadInteger(x);  
if (x <= 1) {  
    isPrime = false;  
}
```

```
if (isPrime == true) {  
    for (var d = 2; d * d <= x; d++) {  
        if (x % d == 0) {  
            isPrime = false;  
            break;  
        }  
    }  
}
```

```
if (isPrime == true) {  
    Console.Print("The number is prime);  
}  
else {  
    Console.Print("The number is NOT prime);  
}
```

p3: the sum of n numbers

```
var n, x;  
var arr = new Array<int>();  
var sum = 0;  
Console.ReadInteger(n);  
for(var i = 1; i <= n; i++) {  
    Console.ReadInteger(x);  
    arr[i] = x;  
    sum = sum + arr[i];  
}
```

```
}
```

```
Console.Print(sum);
```

```
-----  
plerr: compute the min of three numbers - with lexical error
```

```
var a, b, 1c; //lexical error, invalid variable name  
Console.ReadInteger(a);  
Console.ReadInteger(b);  
Console.ReadInteger(1c);
```

```
var min = a;  
if (b < min) {  
    min = b;  
}  
if (c < min) {  
    min = 1c;Δ //lexical error, illegal character  
}
```

```
Console.Print(min);
```