

p1.

Compute the minimum of 3 numbers

```
defvar a, b, c;
input("a=", a);
input("b=", b);
input("c=", c);

if a < b and a < c {
    print(a);
} else if b < a and b < c {
    print(b);
} else {
    print(c);
}
```

P2.

Compute the solutions for a 2nd order equation

```
defvar a, b, c, delta;

input(a, "a=");
input(b, "b=");
input(c, "c=");

print("a^2 * x + b * x + c has the solutions:");
delta = b ** 2 + 4 * a * c;
defvar x1, x2;
x1 = (-b - sqrt(delta)) / (2 * a);
x2 = (-b + sqrt(delta)) / (2 * a);

print("x1 = ", x1, ", x2 = ", x2);
```

P3.

```
defvar sum = 0, i = 0, numbers_to_be_read;

print("Enter how many numbers you want to sum up: ");
```

```
input("numbers_to_be_read=", numbers_to_be_read);
```

```
loop i < numbers_to_be_read {  
    defvar some_number;  
    read(some_number);  
    sum += some_number;  
    i++;  
}
```

```
print("The sum is: ", sum);
```

P1ERR.

```
# Compute the minimum of 3 numbers (with 2 lexical errors)
```

```
defvar a, b, c;  
defvar float_defined_correctly = 1.55;  
# First lexical error: real numbers have the whole part and  
# the decimals separated by a dot, not by a comma.  
defvar float_defined_incorrectly = 1,55;
```

```
input("a=", a);  
input("b=", b);  
input("c=", c);
```

```
if a < b and a < c {  
    print($a); # The second lexical error: dollars are not allowed  
               # as symbols outside a string  
} else if b < a and b < c {  
    print(b);  
} else {  
    print(c);  
}
```