

p1: max of 3 numbers

```
Func main() {
  number a;
  number b;
  number c;
  number maxi;

  read(a);
  read(b);
  read(c);
  if ( a > b and a > c ) {
    maxi = a;
  }

  if ( b > a and b > c ) {
    maxi = b;
  }

  if ( c > a and c > b ) {
    maxi = c;
  }

  text message = 'max is: ';

  write(message, maxi);
}
```

p1err:

```
Func main() {
  //error declaring #1a
  number #1a;
  number b;
  number c;
  number maxi;

  read(#1a);
  read(b);
  read(c);
  if ( #1a > b and #1a > c ) {
    maxi = #1a;
  }

  if ( b > #1a and b > c ) {
    maxi = b;
  }

  if ( c > #1a and c > b ) {
    maxi = c;
  }

  text message = 'max is: ';

  //write without ", "
```

```
    write(message maxi);  
}
```

p2: compute gcd of 2 numbers

```
Func main() {  
    number a;  
    number b;  
  
    read(a);  
    read(b);  
  
    while (b not 0) {  
        number r = a % b;  
        a = b;  
        b = r;  
    }  
  
    write("gcd: ", a);  
}
```

p3: compute the sum of n numbers

```
Func main() {  
    array arr;  
    number lengthArray;  
    read(lengthArray);  
    number sum = 0;  
    number i;  
    for (i=0; i<lengthArray; i=i+1) {  
        read(arr[i]);  
        sum = sum + arr[i];  
    }  
  
    text message = 'sum of numbers is: '  
    write(message, sum);  
}
```