

1. Verify if a number is prime.

```
% BEGIN
    int a;
    cin >> a;
    if(a <= 1)
        print("Not prime");
    for (i=2; i<=n/2; i++)
        if(a%i == 0)
            print("Prime");
    print("Prime");
END
%
```

2. Find min from 3 numbers.

```
% BEGIN
    int a, b, c;
    cin >> a;
    cin >> b;
    cin >> c;
    if (a <= b && a <= c)
        print(a);
    else if (b <= a && b <= c)
        print(b);
    else
        print(c);
END
%
```

3. Sum of positive numbers in an array

```
% BEGIN
    int array[10] arr;
    int n;
    int sum = 0;
    cin >> n;
    for(int i=0; i<n; i++)
        cin >> arr[i];
        if(arr[i] > 0)
            sum = sum + arr[i];
    print(sum);
END
%
```

4. Sum of n numbers (with error)

```
% BEGIN
    int array[10] arr;@
    int n;
    int 2sum;
    cin >> n;
    2sum = 0;
    for(int i=0; i<n; i++)
        cin >> arr[i];
        if(arr[i] > 0)
            2sum = 2sum + arr[i];
    print(2sum);
END
%
```