

## **P1 - Compute the sum of digits of a number**

```
declare int number = 1683
declare int sum = 0
while(number > 0) ->
    sum += number % 10
    number /= 10
<-
```

## **P1err - Compute the sum of digits of a number (lexical errors)**

```
declaer int number = 1683
declare int sum = 0
while(number > 0) ->
    sum += number % 10a
    number /= 10
<-
```

## **P2 - Count the number of vowels in a string**

```
declare string word = "alphabet"
declare int count = 0

for(declare int i=0; i < word.length; i++) ->
    if(word[i] in "aeiouAEIOU") ->
        count += 1
    <-
<-
```

## **P3 - Compute the sum of n numbers**

```
declare list numbers = [1, 2, 3, 4]
declare int sum = 0
for(declare int i=0; i < numbers.length; i++) ->
    sum += numbers[i]
<-
```

