Local Variables

A **local variable** is a variable declared within a subroutine

It only exists inside the subroutine and cannot be used in any other part of the program

Once the subroutine finishes the variable is destroyed (the named area of memory is blanked and the name deleted)

```
SUBROUTINE areaCircle(aRadius)

  area <- aRadius * aRadius * pi

  return area

ENDSUBROUTINE


answer <- areaCircle(7)

OUTPUT area # will not work
```

Local Variables

A **global variable** is a variable declared in the main program.

It is available to use anywhere within the program - including inside subroutines

```
SUBROUTINE areaCircle()

  area <- aRadius * aRadius * pi

  return area

ENDSUBROUTINE


aRadius <- 7

answer <- areaCircle()

OUTPUT answer
```