

Lab 2 – Exercise 4

Reversing 2 Digits

GIVENS : *(none)*

RESULT : *(none)*

INTERMEDIATES : aNumber *(2 digit number)*
 reversed *(number with digits reversed)*

HEADER :: main()

BODY :

```
print("Enter a two digit integer: ")
aNumber ← readInteger()
reversed ← reverseDigits (aNumber)
printLine("The reversed number is ", reversed)
```

GIVENS : aNumber *(2 digit number)*

RESULT : reversed *(number with digits reversed)*

INTERMEDIATES : tens *(the tens digit of aNumber)*
 ones *(the ones digit of aNumber)*

HEADER : reversed ← reverseDigits(aNumber)

BODY :

```
tens ← N / 10
ones ← N MOD 10
reversed ← (ones x 10) + tens
```