

# Johnny Mates Assignment 4

## Memory Trace

running Deposit:

0  $\rightarrow$  100  $\rightarrow$  150  $\rightarrow$  220

running withdraw:

0  $\rightarrow$  60  $\rightarrow$  80  $\rightarrow$  90

running Interest:

0  $\rightarrow$  14  $\rightarrow$  32.4  $\rightarrow$  58.64

month:

1  $\rightarrow$  2  $\rightarrow$  3

bal:

100  $\rightarrow$  140  $\rightarrow$  154  $\rightarrow$  184  $\rightarrow$  202.4  $\rightarrow$  262.4  $\rightarrow$  288.64

monthly Interest Rate:

.10

acct Est:

3

deposit:

100  $\rightarrow$  50  $\rightarrow$  70

withdraw:

60  $\rightarrow$  20  $\rightarrow$  40

interest:

14  $\rightarrow$  18.4  $\rightarrow$  26.24

# Johnny Math Assignment

Hand check:

Running Deposit:

$$0 + 100 = 100$$

$$100 + 50 = 150$$

$$150 + 70 = 220$$

Running Withdraw:

$$0 + 60 = 60$$

$$60 + 20 = 80$$

$$80 + 10 = 90$$

bal:

$$\text{bal} = 100 + (100 - 60) = 140$$

$$\text{bal} = 140 + 14 = 154$$

$$\text{bal} = 154 + (50 - 20) = 184$$

$$\text{bal} = 184 + 18.4 = 202.4$$

$$\text{bal} = 202.4 + (90 - 10) = 262.4$$

$$\text{bal} = 262.4 + 26.24 = 288.64$$

Interest:

$$\text{interest} = 140 (.10) = 14$$

$$\text{interest} = 184 (.10) = 18.4$$

$$\text{interest} = 262.4 (.10) = 26.24$$

Running Interest:

$$\text{Running Interest} = 0 + 14 = 14$$

$$\text{Running Interest} = 14 + 18.4 = 32.4$$

$$\text{Running Interest} = 32.4 + 26.24 = 58.64$$

Month:

$$\text{Month} = 1 + 1 = 2$$

$$\text{Month} = 2 + 1 = 3$$