**Attaway MATLAB 6E List of code files**

**(Listed in chronological order)**

**Chapter 1:**none

**Chapter 2:**

none

**Chapter 3:**

Scripts:

script1

circlescript

printvec

circleIO

plotonepoint

timesandtemps

plot2figs

sinncos

timetempprob

circleCallFn

testlocfn

Functions:

calcarea

calcareaii

conevol

fun

cylcost

Data Files:

testfile.dat

timetemp.dat

salesfigs.dat

expresults.dat

Live Scripts:

sintest

livescriptwfn

**Chapter 4:**

Scripts:

sqrtifexamp

sqrtifexampii

checkradius

checkraderror

switcherror

pickpizza

Functions:

createvec

calcy

findargtype

letgrade

switchletgrade

myisletter

**Chapter 5:**

Scripts:

forecho

sumnnums

forgenvec

subplotex

printstars

printtristars

printloopvars

sumonlypos

whileposnum

countposnum

readonenum

readnnums

readoneint

readoneposint

badcode

fortictoc

tictocprealloc

Functions:

multtable

mymatmult

factgthigh

myfact

myveccumsum

matcolsum

signum

xxx

yyy

testvecgtn

testvecgtnii

Data Files:

datavals.dat

**Chapter 6:**

Scripts:

calcareacirc

calcareaperim

calcapndprintarea

rectarea

eapplication

mysumscript

persistex

runtimeEx

debugthis

mainscript

sinncosCells

Live Script:

slidertask

Functions:

areacirc

breaktime

printem

calccircum1

calccircum2

printrand

printrandnp

stringprompt

readradius

calcarea

printarea

readlenwid

printrectarea (local function calcrectarea)

eoption (local function printchoices)

explaine

limite (local function askforn)

expfn (local function appex)

mysum

func1

func2

testifelse

getvals

calcz

printall

getandclean

trainandtest

splitdata

**Chapter 7:**

Scripts:

plotexpno

midpoint

Functions:

entercoords

findmid

separatedate

Data Files:

expnoanddata.dat

**Chapter 8:**

Scripts:

*none*

Functions:

calcprof

calcprof2

printAves

strpoint

printcylvols

mysort

mystructsort

**Chapter 9:**

Scripts:

fileex

textscanex

Functions:

*none*

Data Files:

subjexp.dat

**Chapter 10:**

Scripts:

*none*

Functions:

areacirc

areafori

areafori2

mysize

converttemp

converttempii

testvalid

testclass

fnfnexamp

fnstrfn

nestedvolume

fact

prtwords

recurfn

minandmaxk

**Chapter 11:**

Classes:

SimpleClass

SimpleClassii

Rectangle

Box

HandleRect

valClass

hanClass

valAttributes

valSet

hanSet

StatClass

**Chapter 12:**

Scripts:

subplottypes

loopsubplot

sinmovie

barwidths

plotdivab

Functions:

plotxywithcell

Data Files:

ab21.dat

**Chapter 13:**

Scripts:

chirptrain

Functions:

simpleGui

simpleGuiNormalized

guiWithEditbox

guiWithPushbutton

guiSlider

guiWithTwoPushbuttons

guiWithTwoPushbuttonsii

guiSliderPlot

guiSliderImage

guiWithButtongroup

uislideruilabel

**Chapter 14:**

Functions:

addcomp

trapint

trapintn

**Chapter 15:**

None.