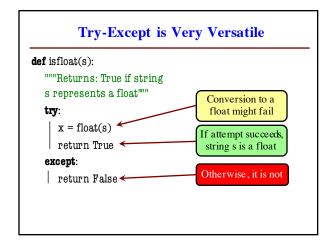
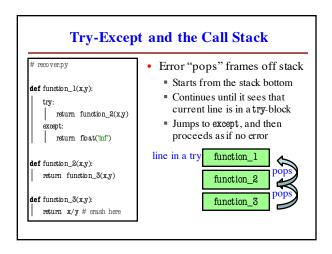


def exchange(curr_from, curr_to, amt_from): """Returns: amount of curr_to received. Precondition: curr_from is a valid currency code Precondition: curr_to is a valid currency code Precondition: amt_from is a float""" assert ??????, str(curr_from) + ' not valid' assert ??????, str(curr_from) + ' not valid' assert type(amt_from)==float, str(amt_from) + ' not a float'

Recovering from Errors • try-except blocks allow us to recover from errors • Do the code that is in the try-block • Once an error occurs, jump to the catch • Example: try: input = raw_input() # get number from user x = float(input) # convert string to float print The next number is '+str(x+1) except: | print Hey! That is not a number!





```
Tracing Control Flow
                                             print 'Starting third.'
 print 'Starting first.'
 trv:
                                             assert x < 1
                                             print 'Ending third.'
   second(x)
 except:
   print 'Caught at first'
                                           What is the output of first(2)?
 print 'Ending first'
ef second(x):
 print 'Starting second.'
 try:
   third(x)
  print 'Caught at second'
 print 'Ending second'
```

```
Tracing Control Flow
                                             print 'Starting third.'
 print 'Starting first.'
                                             assert x < 1
                                            print 'Ending third.'
    second(x)
 except:
   print 'Caught at first'
                                           What is the output of first(0)?
 print 'Ending first'
ef second(x):
 print 'Starting second.'
 try:
   third(x)
  print 'Caught at second'
 print 'Ending second'
```