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while 1:                                # infinite loop for requesting number1 from user
    try:                                # then check if user entered number, and if not
        n1 = float(raw_input("enter numerator: "))    # try again (another input) till user enters a float
        break
    except ValueError:
        print "you must enter a number"

while 1:                                # infinite loop for requesting number2 from user
    try:                                # then check if it is a non zero float number
        n2 = float(raw_input("enter denominator: "))    # and if it is, calculate the division
        result = n1/n2
        print "number1 / number2 = ", result
        break
    except ValueError:
        print "you must enter a number"
    except ZeroDivisionError:
        print "cannot divid by zero"
```