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# CMSC 115 Reading Guide

Please enter your responses in red.

# 6.6 First Cut, Handling Errors Re-read

1. What kinds of situation cause an error message to be printed by python? There are two types of error categories: syntax and runtime errors. Syntax errors is where the code is malformed by the programmer, and runtime errors are when the application does not work, such as dividing by 0 or accessing a character that does not exist in a string.

## Section 6.6.1 Read

## Section 6.6.2 Re-read

1. How does the try-except construct work? How can it be used to catch error conditions? The try-except construct works by allowing the programmer to capture a runtime error and gives an option to handle the error. The try suite is what the programmers are watching out for, and the except suite is connected to a particular Python error name.

## Section 6.6.3 Re-read

1. What happens to the control of a program when an error (or “exception”) happens? The control of the program when an error happens is to enter the try suite, and then attempt to abandon the rest of the suite and then raise the exception for the error and look for an except suite that can handle it. If an except suite is found it will run to that and then skip to the end.

## Section 6.6.4 Re-read

# 6.7 Example: Poker Hands Skim

This is an extended section with an in-depth example. Look at how they use files to handle large sets of data.