

CIS 230 PASS Session 3 Problem Sheet

Selections and More Mathematical Operations

1. Generate a program that Use `Math.random()` to generate 3 integers between 0-99 and asks the user to add them. Output if the user is correct or incorrect
 - a. You must use a selection statement (I don't care if you use if-else or switch)
2. Write a program that generates a random number between 1 and 12 and outputs what month of the year it is.
3. Write a program the calculates the perimeter of a triangle. The triangle is valid if the sum of every pair of two edges is greater than the remaining edge. Output the perimeter to the user.
 - a. How many possible combinations are there? We have three sides to pick from and we must choose 2 and compare it to the third. Because we are adding order does not matter so there are 3 possible combinations of sides.
4. ☆☆ (Challenge Problem)
 - i. Exercise 3.27 In Revel Textbook