

So far I have completed code which can calculate how many points one would receive based on their current GPA. I wanted to make this project as accurate as possible by using the cut off numbers from the official Marist website. I completed this by making an if statement followed by ifelse statement that prompts the user for their GPA. Once the GPA is entered the system will print out how many priority points the person accumulated.

For the rest of my project, I have to figure out what is the most efficient way to code. In the priority point system there are four categories in which one can earn points; GPA, room condition, discipline, and activity. The GPA section is where most of the points reside, the higher your GPA points you can receive. The maximum points one can get from GPA is 12 while the lowest amount is 0. Room condition is actually for spring and fall, but for the purpose of this project I will only be calculating one. The maximum points awarded for room condition in one semester is 4, within this category lays disciplinary points which allots a maximum of 6 priority points. The activity category, on the other hand, is more complicated than the other category. Activity is split up into three subsections; clubs / intercollegiate sports, intramurals / fitness & leisure, and service. Clubs/ Intercollegiate sports give you one or two points (which is predetermined by each club). The maximum points allotted to receive for clubs/intercollegiate sports is three points. The second category intramurals / fitness & leisure is only allowed two points. Finally the last category, service, which is counted in hours, is only gives out a maximum of two points to students. For example, 0-7 hours will result in a total of zero points, 8-15 hours equals one point, and 16+ hours is the fill two points. Out of all of those activities, one is only allowed a total of four points for the activity category. What I will have to do next is see how I can put this complicated system into code. I anticipate that it will mostly be asking the user for

info and then using if statements to see which category they fall under. I have also set up an appointment with housing so that I can go over the priority point system, to make sure I am not leaving anything out.

