

### IHSA Team Point Calculator + Database:

Currently my tainer for the equestrian team is having a hard time keeping track of points for the 30 students competing on the IHSA equestrian team. Recently she has given the hard job to a freshman student who is have to hand make a spreadsheet to try to keep all the placements and points gathered from the team. This inspired me to make a program that gathers, tracks and stores all the important information needed by the riders and instructors. As riders place in their classes they receive points and the point not only tell the rank of the school team but also the determine what competition class students should be competing in. An example of this is, if a rider receives a blue ribbon they get 7 points and if they receive a red ribbon they get 5 points. Once they get a certain amount of points they move up to a harder level riding class to compete in. For a team to be successful in the IHSA the trainer must carefully choose which riders to let show based on their points and the team's points. This program will make looking at the team's statistics super easy and will make the job of the student keep track of points as easy as entering 3 pieces of information into the program. The alternative would be hand calculating the points and hand checking to make sure no one pointed out.

This program will take 3 inputs that will instantly calculate points and report back to user. The program will also store all this information is a easily readable database that uses colors to highlight important information. The database will show all the blue ribbons earned in blue, riders who are about to point out in red, riders close in yellow,

and the total team score in bold font at the top. Every rider will get their own column containing information about points from each show, showing class, and riding number. It will act as a timeline to show the team's improvement as a whole.