Queston Exam 11915 Given that an 1RIS senters has a reput length in the mange of around 4,2-6 cm and a repol with of around 2,8-9 cm discurs the limitations of Bullogram as a method to absorb He Slovers. - Only one feature ? - Histogram > Frequency + Buchers! - burning the intervals Building a histogram involves counting which is a discrete process and so not a natural fit to the length of flower me see in nature say we dividide divide the separ length vange between 42 10 6 cm into bins we encounter the problem that we deat know upt how many bins to split the range into and yet we don't know the boundaries either and this may require a lot of experimentation with the ochial dista-Even if we do it, the sepal with is within the range of values for the sepal length and as such it seems very whitely that the histogram alone can be used to arantigously discriminate between the three flower cakegoines. How could build as form a good Classification? - We know that He berning one one feature alone will have none enous! why? connt Overloppin length

Verdich:
Solution:

Verdich: No single thestold value of the length will serve as a good discriminate between the two adequies. Solution: Hypotheris amunitary, means work with essention nect as
P(12) = P(12) and Hest lest them · Build a distribution of your obla to form a decision.
· Delire what you want to count!