2019/0355 27/09/21 Pronovo Rames Brys Machine learning lab Week-4 Aim D Find - & algorithm To implement the find-s algorithm, that and find the most specific hypothesis that fits all the positive examples of a given data set. Algorithm Let h be the final hypothesis 13 load the dataset ii) Initialize h' with the first positive example lii) Now consider all the positive examples, if you come across a negative example, then skin and move to the next positive example. iv) Now check if each attribute in the example is equal to hypothesis value v) If the value matcher, no changes are made vi) If the value does not match, chang it to 12' vii) Repeat steps 3-6 until the last positive example in the data set is reached.

2) cardidate elimination algorithm To implement the cardidate elimination algorithm and find the general and specific hypothesis that tits all the examples of a given Let or be general hypothesis and s be specific hypothesis i) load the decta set ii) Initalize a and S iii) For each training example check if it is negative or paritive (v) If it is a positive example, then check if attribute value in equal to hypothesis value. value with 19' vi) If it is a note negative example make a more specific.