

Report prolog assignment 1

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1 Task 2.1

A conflict set contains components where we assume that they all work. So for problem1 a possible conflict set was $CS_1 = a1$. So we assume that component a1 works. The inputs were given to be both 1, thus for an and gate we would predict the output to be 1 as well, however we were given that the output was 0. So we can consume there is a \perp and thus a1 correctly belongs to the conflict set.