Write Datalog statements to answer the following questions:

1. Find the year, month, date, and attendance numbers of all shows that had a Canadian musician perform in it.

Ans(Y,M,D,): Show(S,Y,M,D,\_,N), PerformedIn(I,S), Musician(I,\_,\_,\_,’Canadian’)

1. Find the showIDs of shows where the symphony performed songs by Mozart and Beethoven.

Ans(S): SongsPerformed(S, ‘Mozart’, T), SongsPerformed( S, ‘Beethoven, I)

1. Find the showIDs of shows where the symphony performed at least one song by Mozart or Beethoven.

Ans(S): SongsPerformed(S, ’Mozart’, T)

Ans(S):SongsPerformed(S,’Beethoven’, T)

1. Find the songs that have been performed by every violinist in the orchestra. You can safely assume that if a musician is performing in a show, they will play every song in that show.

Ans(C, T): SongsPerformed(S,C,T), PerformedIn(I,S), Musician(I,\_,’Violin’,\_,\_)