

CMSC 23500: Introduction to Databases

Homework 2
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- A1. $\pi_{pname}(\sigma_{visits_per_year < 100} p)$
- A2. $\pi_{ssn}(r \bowtie (\sigma_{pname = \text{"Yellowstone"}} p))$
- A3. $\pi_{lname}(r \bowtie p \bowtie (\sigma_{pop < 2,000,000} s))$
- B1. $\pi_{lname}(p \bowtie w \bowtie (\sigma_{sname = \text{"Yesterday"}} s))$
- B2. $\pi_{sname}(s \bowtie w \bowtie (\sigma_{fname = \text{"Richard"} \wedge lname = \text{"Rodgers"}} p))$
- B3. $\pi_{sname}(s \bowtie t \bowtie r \bowtie (\sigma_{iname = \text{"flute"}} i))$
- B4. $\pi_{lname}(p \bowtie r \bowtie (\sigma_{iname = \text{"guitar"}} i))$
- B5. $\pi_{fname, lname}(s \bowtie w \bowtie p \bowtie t \bowtie r \bowtie (\sigma_{iname = \text{"tuba"}} i))$