Bay (entity)

Unique bay number (Key) – 13
Number of bins - 10
Bay Location – A3
Height of Bay – 3m

Bin (entity)

Bin number (Composite Key) - 8
Unique bay number (Composite Key) - 13
Bin size – 20m³
Max loaded weight – 400kg

Fork Lift (entity)
Unique equipment number (Key) - 123
Unique bay number - 13
Max carry weight – 150kg
Fuel type - Petrol

Item Storage (Event entity)
Unique item number (Key) - 4972
Date taken into warehouse – 15/09/2024
Item weight – 50kg
Date put into bin – 21/09/2024
Bin number - 8
Unique Bay number - 13

1. How many bays have more than 600kg max loaded weight?
2. How many bins are in bay number 10?
3. When was the last date an item was put into bay number 3?
4. Which fork lift has lowest max carry weight?
5. How many fork lifts are fuelled by petrol?