

For the scenario below identify the entities, their attributes and appropriate keys

Finsbury Happy Zoo

Finsbury Happy Zoo's concept is to show **animals** together in their **habitats**. They have a **number of enclosures** of different **habitat types** (such as forest or tundra), **different sizes** (square metres), **each having a main feature** (such as a stream or a cave). Animals of different **species** share the same enclosure. Each **enclosure** has a **unique number** and there can be several enclosures with the same habitat but with a **different main feature** or of a **different size**. Each animal has a **unique ID**, and their **name**, **date_of_birth**, **diet** and **description** are stored. When an animal is put in an enclosure, the start date is recorded, and if they are transferred to another enclosure the end date is recorded. **Zoo keepers** may need to make a note about a particular animal, for example "not eating well today" and this is recorded along with the date. To make sure the animals don't eat each other a **species compatibility** table is maintained which has the following information; **speciesA**, **speciesB**, **compatibility_rating** (5 for happy neighbours to 1 for bitter enemies). Species are identified by their **name**, and a **description of the species** and their **habitat type** are recorded. Species are matched against enclosures by **Zoo staff**, and if suitable the **maximum number of animals of a particular species for a particular enclosure** is recorded to prevent overcrowding.

Entities – **Red**

Attributes – **Purple**. Keys - **Green**