|  |
| --- |
| 0 Animal |
| 1 Banana |
| 2 Cat |
| 3 Crab |
| 4 Dachshund |
| 5 Dalmatian |
| 6 Dog |
| 7 Invertebrate |
| 8 Monkey |
| 9 Oyster |
| 10 Poodle |
| 11 Shellfish |
| 12 Vertebrate |

Vertices Edges

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 40 |
|  |  |  |  |  |  |  |  |  |  |  | 70 |  |
|  |  |  |  |  |  | 110 |  |  |  |  |  |  |
|  |  |  |  |  |  | 100 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 30 |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 50 |
|  |  |  |  |  |  |  | 80 |  |  |  |  |  |
|  |  |  |  |  |  | 90 |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 60 |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |

< “is an example of” relationship>

Dalmatian – Dog : true(dalmatian -> dog)

Dalmatian – Vertebrate : true(dalmatian -> dog -> vertebrate)

Dalmatian – Poodle : false

Banana – Invertebrate : false

Oyster – Invertebrate : true(oyster -> invertebrate)

Monkey – Invertebrate : false

Vertebrate – Animal – Invertebrate

| |

Monkey Shellfish

Cat Crab

Dog Oyster

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Poodle

Dalmatian

Dachshund