|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Place where variables are being accessed** | **Way of access** | **Access Modifiers** | | | |
| **public** | **private** | **protected** | **default** |
| Same package same class (Animal) | ND | Allowed | Allowed | Allowed | Allowed |
| D | Allowed | Allowed | Allowed | Allowed |
| Same package different class (Human) | ND | Not allowed | Not allowed | Not allowed | Not allowed |
| D | Allowed | Not allowed | Allowed | Allowed |
| Same package child class (Dog) | ND | Allowed | Not allowed | Allowed | Allowed |
| D | Allowed | Not allowed | Allowed | Allowed |
| Different package child class (Lion) | ND | Allowed | Not allowed | Allowed | Not allowed |
| D | Allowed | Not allowed | ~~Allowed~~ Not allowed | Not allowed |
| Different package different class (Food) | ND | Not allowed | Not allowed | Not allowed | Not allowed |
| D | Allowed | Not allowed | Not allowed | Not allowed |