|  |
| --- |
| **Bird** |
| name: String  color : String |
| speak (): void  fly (): void |

Activity \_2\_BirdClass Diagram

|  |
| --- |
| **Bird** |
| name: String  color : String |
| speak (): void  fly (): void |

|  |
| --- |
| **Pigeon** |
|  |
| eatPizza() :void  sleep () :void |

Activity\_3\_Inheritance

|  |
| --- |
| ***Bird*** |
| name: String  color : String |
| *speak* (): void  fly (): void |

|  |
| --- |
| **Pigeon** |
|  |
| eatPizza() :void  speak (): void  sleep () :void |

Activity\_4\_Abstract class

|  |
| --- |
| ***Bird*** |
| name: String  color : String |
| *speak* (): void  fly (): void |

|  |
| --- |
| **Pigeon** |
|  |
| eatPizza() :void  speak (): void  sleep () :void |

|  |
| --- |
| **Penguin** |
|  |
| speak() :void  fly() :void |

**Activity\_4\_TwoSubclasses**

|  |
| --- |
| ***Bird*** |
| name: String  color : String |
| *speak* (): void  fly (): void |

|  |
| --- |
| **Penguin** |
|  |
| speak() :void  fly() :void |

|  |
| --- |
| **Parrot** |
|  |
| speak () :void |

|  |
| --- |
| **Pigeon** |
|  |
| eatPizza() :void  speak (): void  sleep () :void |

**Activity\_4\_ThreeSubclasses**

|  |
| --- |
| ***Bird*** |
| name: String  color : String |
| *speak* (): void  fly (): void |

|  |
| --- |
| **DanceImpl** |
|  |
| *spin*(): void  doTheCaterpillar() :void  jump (): void |

|  |
| --- |
| **Penguin** |
|  |
| speak() :void  fly() :void |

|  |
| --- |
| **Parrot** |
|  |
| speak () :void |

|  |
| --- |
| **Pigeon** |
|  |
| eatPizza() :void  speak () :void |

**Activity\_5\_Interface**