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| <<interface>>  Java.lang.Comparable<Cities> |
| +compareTo(Cities c); |

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| Cities |
| -id : int  -name : String  -country : String  -numberofAttraction : int  -numberofcity : int  -attractions : java.util.ArrayList<Attraction> |
| +Cities()  +Cities(id: int , name : String , country : String)  +Cities(id: int , name : String )  +setid(id:int):void  +getname() : String  +getAttractionname(i:int) : String  +getnumberofobject(i:int) : int  +addAttraction(a; Attraction) : void  +gettypeid(i:int): int  +getAttractionid(i:int):int  +removeAttraction(I : int) : void  +getnumberofAttraction(): int  +getAttraction(num : int): void  +copareTo(c: Cities): int  +getcountry(): String  +getid(): int  +attractionlist(): void  +getdescrib1(i:int): String  +setdescrib(num:int , describe1: String): void  +getentrancefee1(i:int): double  +getnumberofshops1(i:int) : int  +getagelimit1(i:int): int  +addshop1(i:int , shop : String) : void  +getshop1(i:int , j : int ) : String  +typelist() :void  +print() : void |

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| Directflights |
| -a : Cities  -b : Cities  -departDate : java.util.Date  -timedepart : String  -timearrival : String  -price : double  -numberofline : int |
| +Directflights()  +Directflights ( a : Cities , b : Cities , price : double , timedepart : String , timearrival : String )  +geta(): String  +getAcity(): Cities  +getBcity(): Cities  +getida():int  +getidb(): int  +getb(): String  +getdepartdate(): java.util.Date  +gettimearrival() : String  +gettimedepart(): String  +getprice(): double  +displaydirect(I : int) : void |

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| Stack1 |
| -list : java.util.ArrayList |
| +Stack1()  +serch(a : int , b : int) : int  +getsize() : int  + peek() : Directflights  +push ( ̅A : Directflights) : void  +pop() : Directflights  +isEmpty() : boolean  +toString(): String |

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| Attraction |
| -id: int  -name: String  -typeiD: int  -describe: String  -uniquid : int |
| +Attraction()  +Attraction(id: int, name , typeiD : int name : String )  +Attraction(name: String)  +getuniquid() : int  +getname1() :String  +getid1(): int  +gettypeiD(): int  +setdescribe(describe: String) : void  +getdescribe(): String  +display(̅ a : Attraction ): void |

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| Sport |
| -ageLimit: int |
| +Sport()  +Sport(id : int, name : String , typeiD: int , ageLimit : int )  +Sport(name : String)  +Sport(cityid : int , type : id , name : String , ageLimit : int)  +setagelimit(i:int) : void  +getagelimit():int |

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| Shoppint |
| -shpos[]: java.util.ArrayList<String> |
| +Shopping()  +Shoppint(cityid: int , type : int , name : String )  +Shopping(name : String)  +addshops(shop : String) : void  +removeshops(i : int) :void  +getshops(i: int) : String  +getnumberofshops():int |
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| History |
| -entrancefee : double |
| +History()  +History(name : String)  +History(cityid : int , type : int , name : String) |

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| Culture |
| -entrancefee : double |
| +Culture()  +Culture(cityid : int , name : String , type : int , entrancefee : double)  +setentrancefee(entrancefee : double):void  +getentrancefee():double |

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| Nature |
| -entrancefee : double |
| +Nature()  +Nature(name : String)  +Nature(cityid : int, type : int) |