Exercise 1:

A diagram of a computer

Description automatically generated

Public class Coordinator{

Tournament tour[];

}

Public class Tournament{

int date;

string name;

int maximumGolfers;

Coordinator coord;

Golfer golfer[];

}

Public class Golfer{

String name;

int phone;

string emailAddress;

int handicap;

}

Exercise 2:

A diagram of a computer

Description automatically generated

Public class BusTourDescription{

string name;

string description;

BusTour tour[];

}

Public class Passenger{

string name;

Phone phone[];

Address address;

EmailAddress email;

Ticket ticket[];

PaymentTransaction trans[];

}

Public class BusTour{

int date;

int price;

BusTourDescription desc;

OriginStation origin;

DestinationStation dest;

Ticket ticket[];

}

Public class Phone{

Passenger pass;

}

Public class Address{

Passenger pass;

}

Public class EmailAddress{

Passenger pass;

}

Public class PaymentTransaction{

Passenger pass;

}

Public class Ticket{

BusTour tour;

Passenger pass;

}

Public class DestinationStation{

BusTour tour[];

}

Public class OriginStation{

BusTour tour[];

}

Exercise 3:

A diagram of a performance

Description automatically generated

Public class Show{

string name;

string description;

Theatre theatre;

Performance perf[];

}

Public class Performance{

int performanceDate;

Show show;

Ticket ticket[];

}

Public class Patron{

string emailAddress;

Ticket ticket[];

PurchaseTransaction trans[];

}

Public class PurchaseTransaction{

int total;

string pdfLink;

Patron patron;

}

Public class Ticket{

Patron patron;

Performance perf;

PerformanceSeat seat;

}

Public class Theatre{

Show show[];

PerformanceSection section[];

}

Public class PerformanceSection{

int price;

Theatre theatre;

PerformanceSeat seat[];

}

Public class PerformanceSeat{

int row;

int seatNumber;

PerformanceSection section;

Ticket ticket[]:

}