Week 2

Exercise 1

A diagram of a computer

Description automatically generated

public class Coordinator {

int coorID;

Tournament tourn[];

}

public class Tournament {

int date;

String name;

int maximumGolfers;

Coordinator coord;

Golfer golfer[];

}

public class Golfer {

String name;

String phone;

String emailAddress;

int handicap;

Tournament tourn[];

}

Exercise 2

A diagram of a travel

Description automatically generated

Exercise 3

A diagram of a performance

Description automatically generated

Public class Theatre{

Show show[];

PerformanceSection sect[];

};

public class show {

String name;

String description;

Theatre theatre[];

Performance perf[];

}

public class Performance{{

int performanceDate;

show show[];

Ticket ticket[];

}

public class PerformanceSection {

double price;

Theatre theatre[];

PerformanceSeat seat[];

}

public class Patron {

string emailAddress;

Ticket ticket[];

PurchaseTransaction trans[];

}

Public class Ticket{

PerformanceSeat seat[];

Performance perf[];

Patron patron[];

}

Public class PerformanceSeat{

int row;

int seatnumber;

PerfomanceSection section[];

Ticket ticket[];

}

Public PurchaseTransaction{

int total;

string pdfLink;

Patron patron[];

}