Project Title – Railway Reservation System

Inheritance –hierarchical Inheritance

6 classes - one base class ,5 derived classes

s

Parameters for train class

Train name , train number,

Passenger’s name , age,

Train

Types-array to store

which type of tickets he want

(first class ,second class…..)

Parameters for types of train -source , destination, calculate fare

To calculate fare we will be using

1. Friend functions
2. Function overriding
3. Function overloading
4. Function prototypes
5. Operator overloading

In main function we will be giving 3 choices

1-Info about trains

2-book a ticket

3- cancel a ticket

4 –exit

In main classes we will be using switch case , if else and void functions to create objects for derived classes.