**Project Report**

**Train Ticketing System:**

**Hierarchy For All Packages**

**Package Hierarchies:**

* [TrainTicketingSystem](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\package-tree.html)

**Class Hierarchy**

* java.lang.Object
  + TrainTicketingSystem.[**BookingSystem**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\BookingSystem.html)
  + TrainTicketingSystem.[**LoginSystem**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\LoginSystem.html)
  + TrainTicketingSystem.[**Train**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train.html)
    - TrainTicketingSystem.[**Train1stClass**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train1stClass.html)
    - TrainTicketingSystem.[**Train2ndClass**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train2ndClass.html)
  + TrainTicketingSystem.[**TrainTicketingSystem**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\TrainTicketingSystem.html)
  + TrainTicketingSystem.[**Trips**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html)
    - TrainTicketingSystem.[**Ticket**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Ticket.html) (implements TrainTicketingSystem.[IdNumber](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\IdNumber.html))
  + TrainTicketingSystem.[**User**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\User.html) (implements TrainTicketingSystem.[IdNumber](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\IdNumber.html))

**Interface Hierarchy**

* TrainTicketingSystem.[**IdNumber**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\IdNumber.html)

**Interface:** In the Java programming language, an *interface* is a reference type, similar to a class, that can contain *only* constants, method signatures, default methods, static methods, and nested types. Method bodies exist only for default methods and static methods. Interfaces cannot be instantiated they can only be *implemented* by classes or *extended* by other interfaces.

**Interface of Id Number:**

***Method Summary***

|  |  |
| --- | --- |
| **Modifier and Type** | **Method and Description** |
| java.lang.String | [**getId**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\IdNumber.html#getId--)() |
| void | [**setId**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\IdNumber.html#setId-java.lang.String-)(java.lang.String id) |

Classes and Objects are basic concepts of Object Oriented Programming which revolve around the real life entities.

**Classes:** A class can be defined as a template/blueprint that describes the behavior/state that the object of its type support.

**Booking System class:**

***Constructor Summary***

|  |
| --- |
| **Constructors** |
| **Constructor and Description** |
| [**BookingSystem**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\BookingSystem.html#BookingSystem--)() |

***Method Summary***

|  |  |
| --- | --- |
| **All Methods**[**Static Methods**](javascript:show(1);)[**Concrete Methods**](javascript:show(8);) | |
| **Modifier and Type** | **Method and Description** |
| static void | [**book**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\BookingSystem.html#book-TrainTicketingSystem.User-TrainTicketingSystem.Trips-TrainTicketingSystem.Ticket-)([**User**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\User.html) user, [**Trips**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html) trip, [**Ticket**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Ticket.html) ticket) |
| static void | [**DisplayTicket**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\BookingSystem.html#DisplayTicket-TrainTicketingSystem.User-)([**User**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\User.html) user) |

***Constructor Detail***

**Booking System**

public BookingSystem()

***Method Detail***

**book**

public static void book([User](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\User.html) user,

[Trips](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html) trip,   
[Ticket](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Ticket.html) ticket)

**Display Ticket**

public static void DisplayTicket([User](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\User.html) user)

**Login System:**

***Constructor Summary***

|  |
| --- |
| **Constructors** |
| **Constructor and Description** |
| [**LoginSystem**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\LoginSystem.html#LoginSystem--)() |

***Method Summary***

|  |  |
| --- | --- |
| **All Methods**[**Static Methods**](javascript:show(1);)[**Concrete Methods**](javascript:show(8);) | |
| **Modifier and Type** | **Method and Description** |
| static boolean | [**login**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\LoginSystem.html#login-TrainTicketingSystem.User-)([**User**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\User.html) user) |

***Constructor Detail***

**LoginSystem**

public LoginSystem()

***Method Detail***

**login**

public static boolean login([User](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\User.html) user)

**Ticket:**

***Constructor Summary***

|  |
| --- |
| **Constructors** |
| **Constructor and Description** |
| [**Ticket**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Ticket.html#Ticket-double-TrainTicketingSystem.Trips-)(double fare, [**Trips**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html) trip) |

***Method Summary***

|  |  |
| --- | --- |
| **All Methods**[**Instance Methods**](javascript:show(2);)[**Concrete Methods**](javascript:show(8);) | |
| **Modifier and Type** | **Method and Description** |
| double | [**getFare**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Ticket.html#getFare--)() |
| java.lang.String | [**getId**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Ticket.html#getId--)() |
| void | [**setFare**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Ticket.html#setFare-double-)(double fare) |
| void | [**setId**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Ticket.html#setId-java.lang.String-)(java.lang.String id) |

**Methods inherited from class TrainTicketingSystem.**[**Trips**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html)

[getEndCity](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html#getEndCity--), [getNumberOfPassengers](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html#getNumberOfPassengers--), [getStartCity](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html#getStartCity--), [getStartTime](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html#getStartTime--), [getTrainIdNumber](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html#getTrainIdNumber--), [setEndCity](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html#setEndCity-java.lang.String-), [setNumberOfPassengers](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html#setNumberOfPassengers-int-), [setStartCity](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html#setStartCity-java.lang.String-), [setStartTime](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html#setStartTime-double-)

***Constructor Detail***

**Ticket**

public Ticket(double fare, [Trips](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html) trip)

***Method Detail***

**getFare**

public double getFare()

**setFare**

public void setFare(double fare)

**setId**

public void setId(java.lang.String id)

**Specified by:**

[setId](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\IdNumber.html#setId-java.lang.String-) in interface [IdNumber](file:///C:\\Users\\CARNIVAL\\OneDrive\\Documents\\NetBeansProjects\\TrainTicketingSystem\\dist\\javadoc\\TrainTicketingSystem\\IdNumber.html" \o "interface in TrainTicketingSystem)

**getId**

public java.lang.String getId()

**Specified by:**

[getId](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\IdNumber.html#getId--) in interface [IdNumber](file:///C:\\Users\\CARNIVAL\\OneDrive\\Documents\\NetBeansProjects\\TrainTicketingSystem\\dist\\javadoc\\TrainTicketingSystem\\IdNumber.html" \o "interface in TrainTicketingSystem)

**Train:**

***Constructor Summary***

|  |
| --- |
| **Constructors** |
| **Constructor and Description** |
| [**Train**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train.html#Train-int-)(int trainIdNumber) |

***Method Summary***

|  |  |
| --- | --- |
| **All Methods**[**Instance Methods**](javascript:show(2);)[**Concrete Methods**](javascript:show(8);) | |
| **Modifier and Type** | **Method and Description** |
| int | [**getTrainNumber**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train.html#getTrainNumber--)() |
| void | [**setTrainIdNumber**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train.html#setTrainIdNumber-int-)(int trainIdNumber) |

***Constructor Detail***

**Train**

public Train(int trainIdNumber)

***Method Detail***

**getTrainNumber**

public int getTrainNumber()

**setTrainIdNumber**

public void setTrainIdNumber(int trainIdNumber)

**Train1stClass:**

***Constructor Summary***

|  |
| --- |
| **Constructors** |
| **Constructor and Description** |
| [**Train1stClass**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train1stClass.html#Train1stClass-int-)(int trainIdNumber) |

***Method Summary***

|  |  |
| --- | --- |
| **All Methods**[**Instance Methods**](javascript:show(2);)[**Concrete Methods**](javascript:show(8);) | |
| **Modifier and Type** | **Method and Description** |
| int | [**getNumberOfSeats**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train1stClass.html#getNumberOfSeats--)() |
| void | [**setdinnerList**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train1stClass.html#setdinnerList-java.lang.String:A-)(java.lang.String[] list) |
| void | [**setNumberOfSeats**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train1stClass.html#setNumberOfSeats-int-)(int numberOfSeats) |

**Methods inherited from class TrainTicketingSystem.**[**Train**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train.html)

[getTrainNumber](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train.html#getTrainNumber--), [setTrainIdNumber](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train.html#setTrainIdNumber-int-)

***Constructor Detail***

**Train1stClass**

public Train1stClass(int trainIdNumber)

***Method Detail***

**getNumberOfSeats**

public int getNumberOfSeats()

**setNumberOfSeats**

public void setNumberOfSeats(int numberOfSeats)

**setdinnerList**

public void setdinnerList(java.lang.String[] list)

**Train2ndClass:**

***Constructor Summary***

|  |
| --- |
| **Constructors** |
| **Constructor and Description** |
| [**Train2ndClass**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train2ndClass.html#Train2ndClass-int-)(int trainIdNumber) |

***Method Summary***

|  |  |
| --- | --- |
| **All Methods**[**Static Methods**](javascript:show(1);)[**Instance Methods**](javascript:show(2);)[**Concrete Methods**](javascript:show(8);) | |
| **Modifier and Type** | **Method and Description** |
| int | [**getNumberOfSeats**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train2ndClass.html#getNumberOfSeats--)() |
| static int | [**getWaightCapacity**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train2ndClass.html#getWaightCapacity--)() |
| void | [**setNumberOfSeats**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train2ndClass.html#setNumberOfSeats-int-)(int numberOfSeats) |
| static void | [**setWaightCapacity**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train2ndClass.html#setWaightCapacity-int-)(int waightCapacity) |

**Methods inherited from class TrainTicketingSystem.**[**Train**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train.html)

[getTrainNumber](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train.html#getTrainNumber--), [setTrainIdNumber](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train.html#setTrainIdNumber-int-)

***Constructor Detail***

**Train2ndClass**

public Train2ndClass(int trainIdNumber)

***Method Detail***

**getNumberOfSeats**

public int getNumberOfSeats()

**setNumberOfSeats**

public void setNumberOfSeats(int numberOfSeats)

**getWaightCapacity**

public static int getWaightCapacity()

**setWaightCapacity**

public static void setWaightCapacity(int waightCapacity)

**TrainTicketingSystem:**

***Field Summary***

|  |  |
| --- | --- |
| **Fields** | |
| **Modifier and Type** | **Field and Description** |
| static [**Train**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train.html)[] | [**trains**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\TrainTicketingSystem.html#trains) |

***Constructor Summary***

|  |
| --- |
| **Constructors** |
| **Constructor and Description** |
| [**TrainTicketingSystem**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\TrainTicketingSystem.html#TrainTicketingSystem--)() |

***Method Summary***

|  |  |
| --- | --- |
| **All Methods**[**Static Methods**](javascript:show(1);)[**Concrete Methods**](javascript:show(8);) | |
| **Modifier and Type** | **Method and Description** |
| static void | [**main**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\TrainTicketingSystem.html#main-java.lang.String:A-)(java.lang.String[] args) |
| static void | [**print**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\TrainTicketingSystem.html#print-int-)(int i) |
| static void | [**print**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\TrainTicketingSystem.html#print-java.lang.String-)(java.lang.String s) |

***Field Detail***

**trains**

public static [Train](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Train.html)[] trains

***Constructor Detail***

**TrainTicketingSystem**

public TrainTicketingSystem()

***Method Detail***

**main**

public static void main(java.lang.String[] args)

**print**

public static void print(java.lang.String s)

**print**

public static void print(int i)

**Trips:**

***Constructor Summary***

|  |
| --- |
| **Constructors** |
| **Constructor and Description** |
| [**Trips**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html#Trips--)() |
| [**Trips**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html#Trips-java.lang.String-java.lang.String-double-int-)(java.lang.String StartCity, java.lang.String EndCity, double StartTime, int trainIdNumber) |

***Method Summary***

|  |  |
| --- | --- |
| **All Methods**[**Instance Methods**](javascript:show(2);)[**Concrete Methods**](javascript:show(8);) | |
| **Modifier and Type** | **Method and Description** |
| java.lang.String | [**getEndCity**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html#getEndCity--)() |
| int | [**getNumberOfPassengers**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html#getNumberOfPassengers--)() |
| java.lang.String | [**getStartCity**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html#getStartCity--)() |
| double | [**getStartTime**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html#getStartTime--)() |
| int | [**getTrainIdNumber**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html#getTrainIdNumber--)() |
| void | [**setEndCity**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html#setEndCity-java.lang.String-)(java.lang.String EndCity) |
| void | [**setNumberOfPassengers**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html#setNumberOfPassengers-int-)(int NumberOfPassengers) |
| void | [**setStartCity**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html#setStartCity-java.lang.String-)(java.lang.String StartCity) |
| void | [**setStartTime**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Trips.html#setStartTime-double-)(double StartTime) |

***Constructor Detail***

**Trips**

public Trips(java.lang.String StartCity,java.lang.String EndCity,double StartTime,int trainIdNumber)

**Trips**

public Trips()

***Method Detail***

**getNumberOfPassengers**

public int getNumberOfPassengers()

**setNumberOfPassengers**

public void setNumberOfPassengers(int NumberOfPassengers)

**getStartTime**

public double getStartTime()

**setStartTime**

public void setStartTime(double StartTime)

**getStartCity**

public java.lang.String getStartCity()

**setStartCity**

public void setStartCity(java.lang.String StartCity)

**getEndCity**

public java.lang.String getEndCity()

**setEndCity**

public void setEndCity(java.lang.String EndCity)

**getTrainIdNumber**

public int getTrainIdNumber()

**User:**

***Constructor Summary***

|  |
| --- |
| **Constructors** |
| **Constructor and Description** |
| [**User**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\User.html#User-double-java.lang.String-)(double creditBalance) |

***Method Summary***

|  |  |
| --- | --- |
| **All Methods**[**Instance Methods**](javascript:show(2);)[**Concrete Methods**](javascript:show(8);) | |
| **Modifier and Type** | **Method and Description** |
| double | [**getCreditBalance**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\User.html#getCreditBalance--)() |
| java.lang.String | [**getPassword**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\User.html#getPassword--)() |
| [**Ticket**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Ticket.html) | [**getTic**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\User.html#getTic--)() |
| java.lang.String | [**getUsername**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\User.html#getUsername--)() |
| void | [**setCreditBalance**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\User.html#setCreditBalance-double-)(double creditBalance) |
| void | [**setPassword**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\User.html#setPassword-java.lang.String-)(java.lang.String password) |
| void | [**setTic**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\User.html#setTic-TrainTicketingSystem.Ticket-)([**Ticket**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Ticket.html) tic) |
| void | [**setUsername**](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\User.html#setUsername-java.lang.String-)(java.lang.String username) |

***Constructor Detail***

**User**

public User(double creditBalance)

***Method Detail***

**getUsername**

public java.lang.String getUsername()

**setUsername**

public void setUsername(java.lang.String username)

**getPassword**

public java.lang.String getPassword()

**setPassword**

public void setPassword(java.lang.String password)

**getCreditBalance**

public double getCreditBalance()

**setCreditBalance**

public void setCreditBalance(double creditBalance)

**setTic**

public void setTic([Ticket](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Ticket.html) tic)

**getTic**

public [Ticket](file:///C:\Users\CARNIVAL\OneDrive\Documents\NetBeansProjects\TrainTicketingSystem\dist\javadoc\TrainTicketingSystem\Ticket.html) getTic()