**Assignment#3**

Nasir Ali 2409

BsCs-2B oop

//PARENT CLASS(ABCTRAVEL)

package ASS3;

/\*\*

\* @author NASIR ALI BALOCH

\*/

public class ABCTRAVEL //PARENT CLASS

{

protected long CNIC;

protected String Name;

protected String B\_date;

/\* public ABCTRAVEL()

{

CNIC=1210184855689L;

Name="Nasir Ali Baloch";

B\_date="21/4/2021";

}

public ABCTRAVEL(String name1,String B\_date1,long cnic)

{

Name=name1;

B\_date=B\_date1;

CNIC=cnic;

}\*/

}

//CHILD CLASS(BUSBOOKING)

package ASS3;

/\*\*

\* @author NASIR ALI BALOCH

\*/

public class BUSbooking extends ABCTRAVEL //CHILD CLASS

{

private String Destination;

private int Ticket\_Price;

public BUSbooking() //DEFAULT CONSTRACTOR

{

Destination="Laore";

Ticket\_Price=4500;

}

public BUSbooking(String destination1,int T\_Price) //PARAMETERIZED CONSTRACTOR

{

Destination=destination1;

Ticket\_Price=T\_Price;

}

public void setBUSbooking(String Destination2) //SETTER

{

Destination=Destination2;

}

public String getBUSbooking() //GETTER

{

return Destination;

}

public void setBUSbooking(int TktPrice) //SETTER

{

Ticket\_Price=TktPrice;

}

public int getBUSboking() //GETTER

{

return Ticket\_Price;

}

public void showBus() //FUNCTION SHOWBUS

{

String Name="ASAD ALI BALOCH";

long CNIC=12101762429L;

String B\_date="19/4/20201";

System.out.println("Name is ="+Name);

System.out.println("CNIC is ="+CNIC);

System.out.println("Booking date is ="+B\_date);

System.out.println("destination is="+Destination);

System.out.println("Ticket Price is ="+Ticket\_Price);

}

}

//CHILD CLASS(CARBOOKING)

package ASS3;

/\*

\* @author NASIR ALI BALOCH

\*/

public class CARbooking extends ABCTRAVEL //CHILD CLASS

{

private int Car\_Model;

private int Car\_Rent;

public CARbooking() //DEFAULT CONSTRACTOR

{

Car\_Model=2017;

Car\_Rent=5050;

}

public CARbooking(int Car\_Model1,int Car\_Rent1) //PARAMETERIZED CONSTRACTOR

{

Car\_Model=Car\_Model1;

Car\_Rent=Car\_Rent1;

}

public void setCar\_Model(int Car\_Model2) //SETTER

{

Car\_Model=Car\_Model2;

}

public int getCar\_Model() //GETTER

{

return Car\_Model;

}

public void setCar\_Rent(int Car\_Rent3) //SETTER

{

Car\_Rent=Car\_Rent3;

}

public int getCar\_Rent() //GETTER

{

return Car\_Rent;

}

public void showCar() //FUNCTION SHOWCAR

{

String Name="NASIR ALI BALOCH";

long CNIC=12101848855689L;

String B\_date="14/4/2021";

System.out.println("Name is ="+Name);

System.out.println("CNIC is ="+CNIC);

System.out.println("Booking date is ="+B\_date);

System.out.println("Car model is ="+Car\_Model);

System.out.println("Car Rent is ="+Car\_Rent);

}

}

//MAIN CLASS(MAIN AND MAIN PKG\_NEW)

package PKG1;

import ASS3.\*;

/\*\*

\* @author NASIR ALI BALOCH

\*/

public class MAIN

{

public static void main(String[] args)

{

CARbooking C=new CARbooking(2017,4550); //CREATE OBJECT "C" OF CARbooking

BUSbooking B=new BUSbooking("ISB TO D I KHAN",14000); //CREATE OBJECT "B" OF BUSbooking

// ABCTRAVEL abc=new ABCTRAVEL("nasir ali","4/3/2020",1210176602429L);

C.setCar\_Model(2018); //SET CAR\_MODEL

C.setCar\_Rent(50000); //SET CAR\_RENT

System.out.println("PERSON 1"); //PERSON 1 INFO

C.showCar(); //FUNCTION CALLING CAR

System.out.println("PERSON 2"); //PERSON 2 INFO

B.setBUSbooking("LAHORE"); //SET DISTINATION

B.setBUSbooking(5500); //SET TICKET\_PRICE

B.showBus(); //FUNCTION CALLING BUS

}

}