Travel Agencies Question

class TravelAgencies ——————— ⑤ boolean flightfacility

int regNo.   string agencyName   int Price

string PackageType

① ② ③
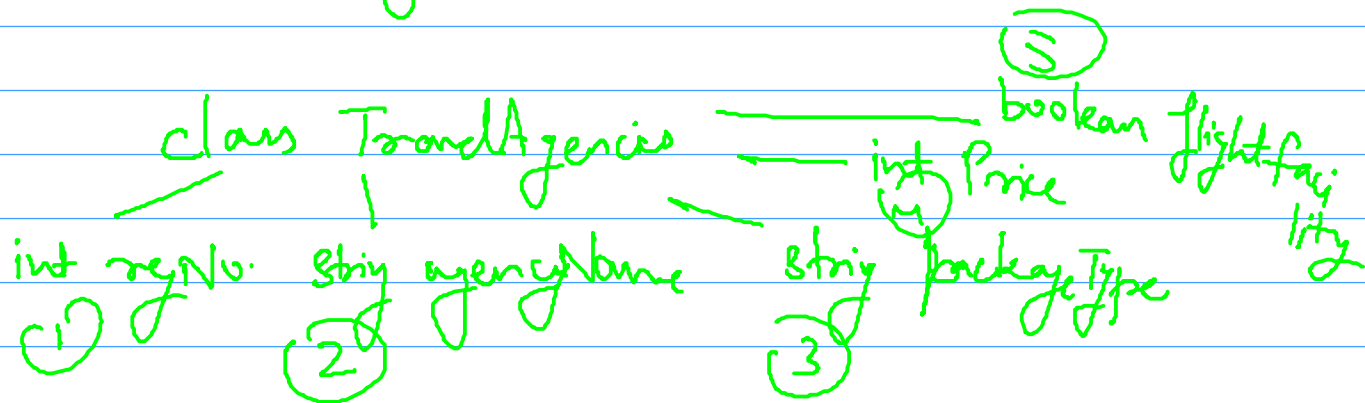
Need to write getter setter for above attribute.
Need to create Constructor
→ taking parameter as sequence is given.

Again Need to Create Solution class

main method → in this class

⤷ In solution class, we have to implement two methods

findAgencyWithHighestPackagePrice & agencyDetailsforGivenId
And Type

Input of this method is? → array of TravelAgencies object as an input parameter & return the highest package price from the given array of objects.

agencyDetailsForGivenIdAndType method

↓ → This will take three input parameters.

↓ 1st is array of TravelAgencies objects

↓ int regNo & String packageType as parameter

↳ And returns on some condition:

if the Input parameters (regNo & packageType) should matched with the regNo & Type of Package Type of TravelAgencies object.

And if condition not met return Null.

Program:-

→ class

```java
public class TravelAgencies
{
    int regNO;
    String agencyName;
    String packageType;
    int price;
    boolean fightFacility;

    // Constructor with parameter
    public TravelAgencies (int regNo, st aN, st pt, int p, bf)
    {
        this.regNo. = regNo.
        this.agencyNam = age -.
            :
            :
    }

    // Setter
    public void setRegNo (int regNo)
    {
        this.regNo. = regNo.;
    }
    ↳ same for other Attributes


    // Getters
    public int getRegNo ()
    {
        return this.regNo.;
    }
    ↳ same for other attributes.
```

// Now making class Solution which contains
mains method

```java
public class Solution
{
    public static void main (String [] args)
    {
        TravelAgencies[] tAgency =
        {
            new TravelAgencies (1, A2Z Agency, Platinum, 50000, true);
            new        "       (2, SSS Agency, Silver, 30000, True);
            :
        }
        int highestPackagePrice = findAgencyWithHigh..-Price();
        Sout (highest package price);

        TravelAgencies details = agencyData..Type(tAgency, 2, Silver)
        if (details != NULL)
        {
            Sout (details.AgencyName + details.price);
        }
        else
            Sout ("NULL)
    }

    public static int findAgencyWithHighestPackagePrice
                        (TravelAgencies [] obj)
    {
        x = 0;
        // Returns Highest Package

        for (TravelAgencies iterateTA: obj)
        {
            if ( x < iterateTA.price)
                x = iterateTA.price
        }
        return x;
```

```java
public static TravelAgencies agencyDetailsForGivenIDAndType
          (TravelAgencies [] Obj , int regNo , String packageType)
{
          TravelAgencies details = NULL;
          for ( TravelAgencies  iterateTA : obj )
          {
                    if ( iterateTA . flightFacility )
                    {
                              if ( iterateTA.regNo == regNo )
                              {
                                        for ( TravelAgencies  TA  :obj)
                                        {
                                            if ( packageType == TA.packageType
                                              { details = iterateTA ;
                                                  break;
                                              }
                                        }
                              }
                    }
          }

          return details;
}
```

T₁ T₂ T₃ T₄ (with check and cross marks below)