

## PROBLEM

### Discount For Customer

In the bank, customers can be Normal, Privileged, SeniorCitizen and so on. The bank also introduces an offer where privileged customers get a 30% off on the bill while senior citizens get 12% off. Lets implement the inheritance with discount yet again a better understanding.

1. Create Customer, PrivilegedCustomer & SeniorCitizenCustomer class with data members as given below.
2. Implement GenerateBillAmount Method as per the specification.

Write a program to get the customer details and display bill, discount amount based on customer type.

[Note : Strictly adhere to the object-oriented specifications given as a part of the problem statement. Follow the naming conventions as mentioned. Create separate classes in separate files.]

Consider a class named **Customer** with the following private attributes

Data Type	Attributes
string	_name
string	_address
string	_mobileNumber
int	_age

The methods for **getters**, **setters** and **constructors** are given in the template code.

Include the following public method in **Customer** class.

Method Name	Description
public void DisplayCustomer()	This method displays the person details.

Consider a class **SeniorCitizenCustomer** which extends the class **Customer**.

Include the following public method in **SeniorCitizenCustomer** class.

Method Name	Description
double GenerateBillAmount(int amount)	This method is used to calculate and return the payment amount where the discount is 12%.

Consider a class **PrivilegeCustomer** which extends the class **Customer**.

Include the following public method in **PrivilegeCustomer** class.

Method Name	Description
double GenerateBillAmount(int amount)	This method is used to calculate and return the payment amount where the discount is 30%.

Consider a driver class named **Program** which creates an instance of the above mentioned classes and their functionalities are tested.

Read the respective customer details (Senior Citizen or Privileged) and call the corresponding GenerateBillAmount() method based on the choice as shown in the sample output.

The link to download the template code is given below  
[Code Template](#)

#### Input and Output Format:

The bill amount double value should be display 1 decimal palces.

The total amount to be paid value should be displayed upto 2 decimal palces.

Refer sample input and output for formatting specifications.

[All text in bold corresponds to input and the rest corresponds to output.]

### Sample Input and Output 1:

1)Privilege Customer

2)SeniorCitizen Customer

Enter Customer Type

**1**

Enter The Name

**Smith**

Enter The Age

**25**

Enter The Address

**New York**

Enter The Mobile Number

**9576531641**

Enter The Purchased Amount

**5000**

Bill Details

Name Smith

Mobile 9576531641

Age 25

Address New York

Your bill amount is Rs 5000.0. Your bill amount is discount under privilege customer

You have to pay Rs 3500.00

### Sample Input and Output 2:

1)Privilege Customer  
2)SeniorCitizen Customer  
Enter Customer Type  
**2**  
Enter The Name  
**Jack**  
Enter The Age  
**46**  
Enter The Address  
**Chennai**  
Enter The Mobile Number  
**7894561230**  
Enter The Purchased Amount  
**500**  
Bill Details  
Name Jack  
Mobile 7894561230  
Age 46  
Address Chennai  
Your bill amount is Rs 500.0. Your bill amount is discount under senior citizen customer  
You have to pay Rs 440.00

### Sample Input and Output 3:

1)Privilege Customer  
2)SeniorCitizen Customer  
Enter Customer Type  
**3**  
Invalid Customer Type

```
SeniorCitizenCustomer.cs/ x
1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.Text;
5
6  class SeniorCitizenCustomer : Customer
7  {
8      double payment;
9      public double GenerateBillAmount(int amount)
10     {
11         payment = amount*0.88;
12         return payment;
13     }
14 }
```

Customer.cs/

```

1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.Text;
5
6  class Customer
7  {
8      string _name, _address, _mobileNumber;
9      int _age;
10
11     public string MobileNumber
12     {
13         get { return _mobileNumber; } set { _mobileNumber = value; }
14     }
15
16     public string Address
17     {
18         get { return _address; } set { _address = value; }
19     }
20
21     public string Name
22     {
23         get { return _name; } set { _name = value; }
24     }
25
26     public int Age
27     {
28         get { return _age; }
29         set { _age = value; }
30     }
31
32     public void DisplayCustomer()
33     {
34         Console.WriteLine("Bill Details\nName {0}\nMobile {1}\nAge {2}\nAddress {3}", _name, _mobileNumber, _age, _address);
35     }
36 }

```

Program.cs/

```

1  static void main(string[] args)
2  {
3
4      Customer cus = new Customer();
5      PrivilegeCustomer cus1 = new PrivilegeCustomer();
6      SeniorCitizenCustomer cus2 = new SeniorCitizenCustomer();
7      double output;
8      Console.WriteLine("1)Privilege Customer\n2)SeniorCitizen Customer\nEnter Customer Type");
9      int ch = int.Parse(Console.ReadLine());
10     if (ch > 0 && ch < 3)
11     {
12         Console.WriteLine("Enter The Name");
13         cus.Name = Console.ReadLine();
14         Console.WriteLine("Enter The Age");
15         cus.Age = int.Parse(Console.ReadLine());
16         Console.WriteLine("Enter The Address");
17         cus.Address = Console.ReadLine();
18         Console.WriteLine("Enter The Mobile Number");
19         cus.MobileNumber = Console.ReadLine();
20         Console.WriteLine("Enter The Purchased Amount");
21         int purc = int.Parse(Console.ReadLine());
22         cus.DisplayCustomer();
23         if (ch == 1)
24         {
25             output = cus1.GenerateBillAmount(purc);
26             Console.WriteLine("Your bill amount is Rs {0:0.0}. Your bill amount is discount under privilege customer", purc);
27             Console.WriteLine("You have to pay Rs {0:0.00}", output);
28         }
29         else
30         {
31             output = cus2.GenerateBillAmount(purc);
32             Console.WriteLine("Your bill amount is Rs {0:0.0}. Your bill amount is discount under senior citizen customer", purc);
33             Console.WriteLine("You have to pay Rs {0:0.00}", output);
34         }
35     }
36     else
37     {
38         Console.WriteLine("Invalid Customer Type");
39     }
40 }

```

Program.cs/

PrivilegeCustomer.cs/

```

1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.Text;
5
6  class PrivilegeCustomer : Customer
7  {
8      double payment;
9      public double GenerateBillAmount(int amount)
10     {
11         payment = amount*0.7;
12         return payment;
13     }
14 }

```

## PROBLEM

## Account Details

Write a program to read and display the various type of account details.

[Note : Strictly adhere to the object-oriented specifications given as a part of the problem statement. Follow the naming conventions as mentioned. Create separate classes in separate files.]

Consider the class **Account** with the following private attributes/variables.

Data Type	Variable
string	_holderName
long	_accountNumber
string	_IFSCCode
long	_contactNumber

Include appropriate **getters** and **setters**.

Include **default** and **parameterized** constructor for the class.

Prototype for the Parameterized Constructor **Account(string \_holderName,long \_accountNumber,string \_IFSCCode,long \_contactNumber)**

Define the following method in the **Account** class.

Method	Description
public void Display()	This method displays account details in the following order _holderName,_AccountNumber,_IFSCCode,_contactNumber. Display the statement ' <b>Your Contact Details</b> ' inside this method.

Consider the class **SavingAccount** which inherits **Account** class with the following private attributes/variables.

Data Type	Variable
double	_interestRate

Define the following method in the **SavingAccount** class.

Method	Description
public void Display()	This method is used to call the base class Display() and in addition displays _interestRate.

Include **default** and **parameterized** constructor for the class.

Prototype for the Parameterized Constructor **SavingAccount(string \_holderName, long \_accountNumber, string \_IFSCCode, long \_contactNumber, double \_interestRate)**

Use **base** Keyword to call the base class constructor.

Consider the class **CurrentAccount** which inherits **Account** class with the following private attributes/variables.

Data Type	Variable
string	_organizationName
long	_TIN

Define the following method in the **CurrentAccount** class

Method	Description
public void Display()	This method is used to call base class Display() and in addition displays _organizationName,_TIN

Include **default** and **parameterized** constructor for the class.

Prototype for the Parameterized Constructor **CurrentAccount(string \_holderName, long \_accountNumber, string \_IFSCCode, long \_contactNumber,string \_organizationName, long \_TIN)**

Use **base** Keyword to call the base class constructor.

Create **Program** class with **Main** method, get user details in comma seperated format in the following order (**HolderName,Account Number,IFSC code>Contact Number**). Display the Account Details by calling **method of base class with child class object**.

The link to download the template code is given below

[Code Template](#)

### Input and Output Format:

Refer sample input and output for formatting specifications.

[All text in bold corresponds to the input and the rest corresponds to output.]

### Sample Input and Output 1:

Enter User Details(HolderName,Account Number,IFSC code>Contact Number)

**Steffan,982714210,\$160030600514,9092304676**

Enter Account Type

**saving**

Enter Interest Rate

**12.0**

Your Contact Details

HolderName : Steffan

Account Number : 982714210

IFSCCode : \$160030600514

ContactNumber : 9092304676

Interest Rate : 12

### Sample Input and Output 2:

Enter User Details(HolderName,Account Number,IFSC code,Contact Number)

**John,7889142075,S1600ABY0576,9944001700**

Enter Account Type

**current**

Enter organization Name

**pentamedia Graphics Limited**

Enter TIN number

**7841**

Your Contact Details

HolderName : John

Account Number : 7889142075

IFSCCode : S1600ABY0576

ContactNumber : 9944001700

Organization Name : pentamedia Graphics Limited

TIN : 7841

### Sample Input and Output 3:

Enter User Details(HolderName,Account Number,IFSC code,Contact Number)

**Shira,987451024,SWQ78914AF,9078425168**

Enter Account Type

**curr**

Enter valid Account Type

```
CurrentAccount.cs/ x
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace Inheritance2P
8 {
9     class CurrentAccount : Account
10     {
11         string _orgName;
12         long _TIN;
13
14         public CurrentAccount(string _holderName, long _accNumber, string _IFSCCode, long _contactNumber, string _orgName, long _TIN)
15             : base(_holderName, _accNumber, _IFSCCode, _contactNumber)
16         {
17             this._orgName = _orgName;
18             this._TIN = _TIN;
19         }
20         public override void Display()
21         {
22             base.Display();
23             Console.WriteLine("Organization Name : " + _orgName);
24             Console.WriteLine("TIN : " + _TIN);
25         }
26     }
27 }
28
```

```

CurrentAccount.cs/ x SavingAccount.cs/ x
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace Inheritance2P
8 {
9     class SavingAccount : Account
10     {
11         double _interestRate;
12
13         public SavingAccount(string _holderName, long _accNumber, string _IFSCCode, long _contactNumber, double _interestRate)
14         {
15             base(_holderName, _accNumber, _IFSCCode, _contactNumber);
16             this._interestRate = _interestRate;
17         }
18         public override void Display()
19         {
20             base.Display();
21             Console.WriteLine("Interest Rate : " + _interestRate);
22         }
23     }
24 }
25

```

```

Program.cs/ x
5 using System.Threading.Tasks;
6
7 namespace Inheritance2P
8 {
9     class Program
10     {
11         static void Main(string[] args)
12         {
13             Console.WriteLine("Enter User Details(HolderName,Account Number,IFSC code,Contact Number)");
14             string details = Console.ReadLine();
15             char del = Convert.ToChar(",");
16             string[] str1 = details.Split(del);
17             long acc = Convert.ToInt64(str1[1]);
18             long contact = Convert.ToInt64(str1[3]);
19             Console.WriteLine("Enter Account Type");
20             string acc_type = Console.ReadLine();
21             if (acc_type == "current" || acc_type == "Current")
22             {
23                 Console.WriteLine("Enter organization Name");
24                 String org = Console.ReadLine();
25                 Console.WriteLine("Enter TIN number");
26                 long TIN = Convert.ToInt64(Console.ReadLine());
27                 CurrentAccount cacc = new CurrentAccount(str1[0], acc, str1[2], contact, org, TIN);
28                 cacc.Display();
29             }
30             else if (acc_type == "saving" || acc_type == "Saving")
31             {
32                 Console.WriteLine("Enter Interest Rate");
33                 double in_rate = Convert.ToDouble(Console.ReadLine());
34                 SavingAccount sacc = new SavingAccount(str1[0], acc, str1[2], contact, in_rate);
35                 sacc.Display();
36             }
37             else
38                 Console.WriteLine("Enter valid Account Type");
39         }
40     }
41 }
42

```

```
Program.cs/ Account.cs/
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace Inheritance2P
8 {
9     class Account
10    {
11        protected string _holderName;
12        protected long _accNumber;
13        protected string _IFSCCode;
14        protected long _contactNumber;
15
16        public Account() { }
17        public Account(string _holderName, long _accNumber, string _IFSCCode, long _contactNumber)
18        {
19            this._holderName = _holderName;
20            this._accNumber = _accNumber;
21            this._IFSCCode = _IFSCCode;
22            this._contactNumber = _contactNumber;
23        }
24        public virtual void Display()
25        {
26            Console.WriteLine("Your Contact Details");
27            Console.WriteLine("HolderName : " + _holderName);
28            Console.WriteLine("Account Number : " + _accNumber);
29            Console.WriteLine("IFSCCode : " + _IFSCCode);
30            Console.WriteLine("ContactNumber : " + _contactNumber);
31        }
32    }
33 }
34
```

PROBLEM

Calculate Reward Points

ABC Bank announced a new scheme of reward points for a transaction using an ATM card. Each transaction using the normal card will be provided by 1% of the transaction amount as reward point. If a transaction is made using a premium card and it is for fuel expenses, additional 10 points will be rewarded. Help the bank to calculate the total reward points.

[Note : Strictly adhere to the object-oriented specifications given as a part of the problem statement. Follow the naming conventions as mentioned. Create separate classes in separate files.]

Consider a class **VISACard** with the following method.

Method	Description
public double ComputeRewardPoints(string _type, double _amount)	This method returns the 1% of the transaction amount as reward points.

Consider a class named **HPVISACard** which extends **VISACard** class and overrides the following method.

Method	Description
public double ComputeRewardPoints(string _type, double _amount)	In this method, calculate the reward points from the base class and add 10 points if it is for fuel expense.

Hint:  
Use base keyword to calculate reward points from base class.

Consider the class **Program** with **Main** method, get the transaction details as a comma separated values.  
(Transaction type, amount, card type)

The card type will be either "VISA card" or "HPVISA card". Otherwise, display "Invalid data"

Calculate the reward points corresponding to the card type and transaction type and print the reward points.



## Input and Output Format:

Reward point double values should be displayed upto **2 decimal** palces  
Refer sample input and output for formatting specifications.

[All text in bold corresponds to the input and the rest corresponds to output.]

### Sample Input and Output 1:

Enter the transaction detail

**Shopping,5000,VISA card**

Total reward points earned in this transaction is 50.00

Do you want to continue?(Yes/No)

**Yes**

Enter the transaction detail

**Fuel,5000,HIVISA card**

Invalid data

Do you want to continue?(Yes/No)

**Yes**

Enter the transaction detail

**Fuel,5000,HPVISA card**

Total reward points earned in this transaction is 60.00

Do you want to continue?(Yes/No)

**No**

```
HPVISA Card.cs/
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace Inheritance3P
8 {
9     class HPVISA Card : VISACard
10     {
11         public new double computeRewardPoints(string _type, double _amount)
12         {
13             _amount = base.computeRewardPoints(_type, _amount);
14             double sum = _amount + 10.00;
15             Console.WriteLine("Total reward points earned in this transaction is {0:0.00}", sum);
16             return _amount;
17         }
18     }
19 }
20
```

```
Program.cs/
8 {
9     class Program
10    {
11        static void Main(string[] args)
12        {
13            VISACard visa = new VISACard();
14            HPVISACard hpvisa = new HPVISACard();
15            do
16            {
17                Console.WriteLine("Enter the transaction detail");
18                string details = Console.ReadLine();
19                char del = Convert.ToChar(",");
20                string[] str = details.Split(del);
21                if (str[2] == "VISA card" || str[2] == "HPVISA card")
22                {
23                    double amount = Convert.ToDouble(str[1]);
24                    if ((str[0] == "Fuel" || str[0] == "fuel") && str[2] == "HPVISA card")
25                    {
26                        hpvisa.computeRewardPoints(str[0], amount);
27                    }
28                    else
29                    {
30                        amount = visa.computeRewardPoints(str[0], amount);
31                        Console.WriteLine("Total reward points earned in this transaction is {0:0.00}", amount);
32                    }
33                }
34                else
35                {
36                    Console.WriteLine("Invalid data");
37                }
38                Console.WriteLine("Do you want to continue?(Yes/No)");
39                string ch = Console.ReadLine();
40                if (ch == "yes" || ch == "Yes")
41                    continue;
42                else
43                    break;
44            } while (true);
45        }
46    }
47 }
```

```
VISACard.cs/
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace Inheritance3P
8 {
9     class VISACard
10    {
11        public double computeRewardPoints(string _type, double _amount)
12        {
13            _amount = _amount * 0.01;
14            return _amount;
15        }
16    }
17 }
18
```

## PROBLEM

### GST Calculation

Write a program to calculate the total amount with GST for the events. There are two types of Events Stage show and Exhibition. For Stage show GST will be 15% and for exhibition GST will be 5%.

[Note : Strictly adhere to the object-oriented specifications given as a part of the problem statement. Follow the naming conventions as mentioned. Create separate classes in separate files.]

Consider a class names **Event** with the following protected attributes.

Data Type	Attributes
string	_name
string	_type
double	_costPerDay
int	_noOfDays

Include **default** and **parameterized** constructor for the class.

Prototype for the Parameterized Constructor **Event(string\_name, string\_type, double\_costPerDay, int\_noOfDays)**

Consider the class **Exhibition** which inherits the **Event** class with the following private attributes.

Data Type	Attributes
static int	_gst = 5
int	_noOfStalls

Include **default** and **parameterized** constructor for the class.

Prototype for the Parameterized Constructor **Exhibition(string\_name, string\_type, double\_costPerDay, int\_noOfDays, int\_noOfStalls)**

Define the following method in the **Exhibition** class.

Method	Description
public double totalCost()	This method is to calculate the total amount with 5% GST.

Consider the class **StageEvent** which inherits the **Event** class with the following private attributes.

Data Type	Attributes
static int	_gst = 15
int	_noOfSeats

Include **default** and **parameterized** constructor for the class.

Prototype for the Parameterized Constructor **StageEvent(string\_name, string\_type, double\_costPerDay, int\_noOfDays, int\_noOfSeats)**

Define the following method in the **StageEvent** class.

Method	Description
public double totalCost()	This method is to calculate the total amount with 15% GST.

Use **base()** to call and assign values in base class constructor.

Override **ToString()** method to display the event details and the total amount inside this **ToString()** method.

Create **Program** class with **Main** method.

In the **Main()** method, read the event details from the user and then create the object of the event according to the event type. Display the statement '**Event Details**' inside the **Main()** method.

The link to download the template code is given below

[Code Template](#)

## Input and Output Format:

All the double values should be displayed upto **2 decimal** palces

Refer sample input and output for formatting specifications.

[All text in **bold** corresponds to the input and the rest corresponds to output.]

## Sample Input and Output 1:

Enter event name

**Sky Lantern Festival**

Enter the cost per day

**1500**

Enter the number of days

**3**

Enter the type of event

1.Exhibition

2.Stage Event

**2**

Enter the number of seats

**100**

Event Details

Name:Sky Lantern Festival

Type:Stage Event

Number of seats:100

Total amount: 5175.00

---

### sample input and Output 2:

Enter event name

**Glastonbury**

Enter the cost per day

**5000**

Enter the number of days

**2**

Enter the type of event

1.Exhibition

2.Stage Event

**1**

Enter the number of stalls

**10**

Event Details

Name:Glastonbury

Type:Exhibition

Number of stalls:10

Total amount: 10500.00

### Sample Input and Output 3:

Enter event name

**Glastonbury**

Enter the cost per day

**5000**

Enter the number of days

**2**

Enter the type of event

1.Exhibition

2.Stage Event

**3**

Invalid input

```
Exhibition.cs/
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace Inheritance4P
8 {
9     class Exhibition : Event
10     {
11         static int _gst = 5;
12         int _noOfStalls;
13         public Exhibition(string _name, string _type, double _costPerDay, int _noOfDays, int _noOfStalls) : base(_name, _type, _costPerDay, _noOfDays)
14         {
15             this._noOfStalls = _noOfStalls;
16         }
17         public double totalCost()
18         {
19             double _totalCost;
20             //totalCost = _costPerDay * _gst;
21             //totalCost = (_costPerDay * _noOfDays) + (_gst/100);
22             _totalCost = (_costPerDay * _noOfDays) + ((_costPerDay * _noOfDays) * _gst / 100);
23             return _totalCost;
24         }
25         public override string ToString()
26         {
27             string str;
28             str = "Name:" + _name;
29             str += "\nType:" + _type;
30             str += "\nNumber of stalls:" + _noOfStalls;
31             str += String.Format("\nTotal amount:{0:0.00}", totalCost());
32             return str;
33         }
34     }
35 }
36
```

```
Exhibition.cs/ Event.cs/
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace Inheritance4P
8 {
9     class Event
10     {
11         protected string _name;
12         protected string _type;
13         protected double _costPerDay;
14         protected int _noOfDays;
15         protected string Name { get => _name; set => _name = value; }
16         protected string Type { get => _type; set => _type = value; }
17         protected double CostPerDay { get => _costPerDay; set => _costPerDay = value; }
18         protected int NoOfDays { get => _noOfDays; set => _noOfDays = value; }
19         public Event(string _name, string _type, double _costPerDay, int _noOfDays)
20         {
21             this._name = _name;
22             this._type = _type;
23             this._costPerDay = _costPerDay;
24             this._noOfDays = _noOfDays;
25         }
26     }
27 }
28
```

```
Exhibition.cs/ StageEvent.cs/
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace Inheritance4P
8 {
9     class StageEvent : Event
10     {
11         static int _gst = 15;
12         int _noOfSeats;
13
14         public StageEvent(string _name, string _type, double _costPerDay, int _noOfDays, int _noOfSeats) : base(_name, _type, _costPerDay, _noOfDays)
15         {
16             this._noOfSeats = _noOfSeats;
17         }
18         public double totalCost()
19         {
20             double _totalCost;
21             // _totalCost = _costPerDay * _noOfDays + (_gst/100);
22             // _totalCost = (_costPerDay*_noOfDays) + (_gst/100);
23             _totalCost = ((_costPerDay * _noOfDays) + ((_costPerDay * _noOfDays) * _gst / 100));
24             return _totalCost;
25         }
26         public override string ToString()
27         {
28             string str;
29             str="Name:" + _name;
30             str+="\nType:" + _type;
31             str+="\nNumber of seats:" + _noOfSeats;
32             str+=String.Format("\nTotal amount:{0:0.00}",totalCost());
33
34             return str;
35         }
36     }
37 }
38
```

```
Exhibition.cs/ StageEvent.cs/ Program.cs/
10 {
11     static void Main(string[] args)
12     {
13
14
15         Console.WriteLine("Enter event name");
16         string _name = Console.ReadLine();
17         Console.WriteLine("Enter the cost per day");
18         double _costPerDay = Convert.ToDouble(Console.ReadLine());
19         Console.WriteLine("Enter the number of days");
20         int _noOfDays = Convert.ToInt32(Console.ReadLine());
21         Console.WriteLine("Enter the type of event\n1.Exhibition\n2.Stage Event");
22         int _type = Convert.ToInt32(Console.ReadLine());
23         Event e;
24         if (_type == 1)
25         {
26             Console.WriteLine("Enter the number of stalls");
27             int _noOfStall = Convert.ToInt32(Console.ReadLine());
28             e = new Exhibition(_name, "Exhibition", _costPerDay, _noOfDays, _noOfStall);
29             Console.WriteLine("Event Details");
30             Console.WriteLine(e.ToString());
31         }
32         else if (_type == 2)
33         {
34             Console.WriteLine("Enter the number of seats");
35             int _noOfSeats = Convert.ToInt32(Console.ReadLine());
36             e = new StageEvent(_name, "Stage Event", _costPerDay, _noOfDays, _noOfSeats);
37             Console.WriteLine("Event Details");
38             Console.WriteLine(e.ToString());
39         }
40         else
41         {
42             Console.WriteLine("Invalid input");
43         }
44         Console.ReadLine();
45     }
46 }
```

Settings Split text //Program.cs Currently you have edit access to this file.