

In [1]:

```
class Book():

    def __init__(self):
        self.title = input("Enter the title: ")
        self.author = input("Enter the author name: ")
        self.publisher = input("Enter the publisher: ")
        self.price = int(input("Enter the price INR : "))

    def setter(self):
        self.title = input("Enter the title: ")
        self.author = input("Enter the author name: ")
        self.publisher = input("Enter the publisher: ")
        self.price = int(input("Enter the price INR : "))
        return

    def getter(self):
        print(f"Book {self.title} by {self.author} is published by {self.publisher} having price INR {self.price} per unit")

    def royalty_calc(self, copy_sold):
        if copy_sold <= 500:
            self.royalty = (copy_sold*self.price)/10
        elif copy_sold <= 1000:
            self.royalty = (copy_sold*self.price)*(12.5/100)
        else:
            self.royalty = (copy_sold*self.price)*(15/100)
        return self.royalty
```

In [2]:

```
class Ebook(Book):

    def royalty_calc(self, copy_sold):
        self.format = input("Enter the format of Ebook: ")
        self.gst = self.price*0.12
        if copy_sold <= 500:
            self.royalty = (copy_sold*(self.price-self.gst))/10
        elif copy_sold <= 1000:
            self.royalty = (copy_sold*(self.price-self.gst))*(12.5/100)
        else:
            self.royalty = (copy_sold*(self.price-self.gst))*(15/100)
        return self.royalty
```

In [3]:

```
My_Book=Book()  
copy_sold=int(input("enter total sales of book : "))  
print("Total royalty on Book is:",My_Book.royalty_calc(copy_sold))
```

Enter the title: Concepts Of Physics  
Enter the author name: R S Agarwal  
Enter the publisher: Agarwal Publications  
Enter the price INR : 300  
enter total sales of book : 20  
Total royalty on Book is: 600.0

In [4]:

```
My_Ebook=Ebook()  
copy_sold=int(input("enter total sales of book : "))  
print("Total royalty on ebook is:",My_Ebook.royalty_calc(copy_sold))
```

Enter the title: Organic Chemistry  
Enter the author name: H C verma  
Enter the publisher: Verma Publications  
Enter the price INR : 250  
enter total sales of book : 300  
Enter the format of Ebook: pdf  
Total royalty on ebook is: 6600.0

In [5]:

```
My_Book.getter()
```

Book Concepts Of Physics by R S Agarwal is published by Agarwal Publications having price INR 300 per unit

In [6]:

```
My_Ebook.getter()
```

Book Organic Chemistry by H C verma is published by Verma Publications having price INR 250 per unit

In [8]:

```
My_Ebook.format
```

Out[8]:

'pdf'

In [ ]: