### Django Online Library Management System Project

INTRODUCTION:

The main objective of this project is to manage the details of the students, books and the issued books efficiently. This project helps to keep all the records of the library.

TOOLS AND TECHNIUQE:

* HTML
* CSS
* Python
* Django
* Mysql
* Pycharm

Project Features:

#### For admin

* Admin can add new books
* Admin can Update books
* Admin can Delete books
* View all the issued books

#### For students

* View all the records of book

Project File Structure:

Steps:

1.Admin Signup:

Super user default signup

2.Admin Login:

def log\_read(request):  
 user\_name = request.POST["txtname"]  
 user\_pswd = request.POST["txtpswd"]  
 user = authenticate(username=user\_name**,** password=user\_pswd)  
 if user is not None:  
 if user.is\_superuser:  
 login(request**,** user)  
 return render(request**,** 'admin\_home.html')  
 else:  
 return HttpResponse("Enter correct Details")

3. Create an Entry for Books:

def add\_book(request):  
 l1=books()  
 l1.book\_name=request.POST['bname']  
 l1.book\_auther\_name=request.POST['aname']  
 l1.book\_price=request.POST['price']  
 l1.book\_description=request.POST['bookd']  
 l1.save()  
  
 return redirect('books')

4. Retrive all the books:

def Books(request):  
 data = books.objects.all()  
 return render(request**,**"Allbooks.html"**,**{'data':data})

5. Update Books:

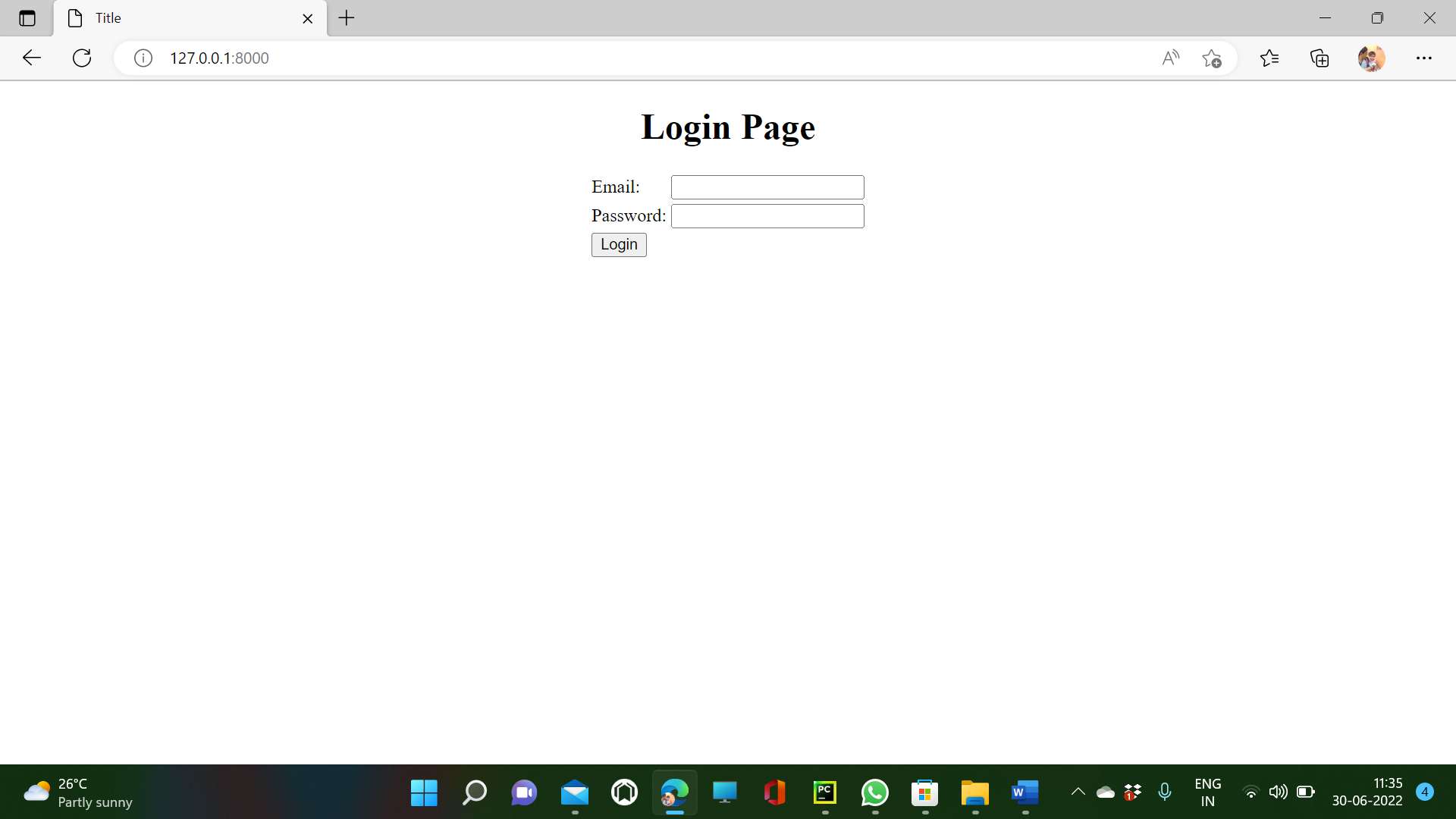
def update\_book(request**,**id):  
 l2= books.objects.get(id=id)  
  
 if request.method == 'POST':  
 l2.book\_name = request.POST['bname']  
 l2.book\_auther\_name = request.POST['aname']  
 l2.book\_price = request.POST['price']  
 l2.book\_description = request.POST['bookd']  
 l2.save()  
  
 return redirect('books')  
  
 return render(request**,**'updatebook.html'**,**{'data':l2})

6. Delete Books:

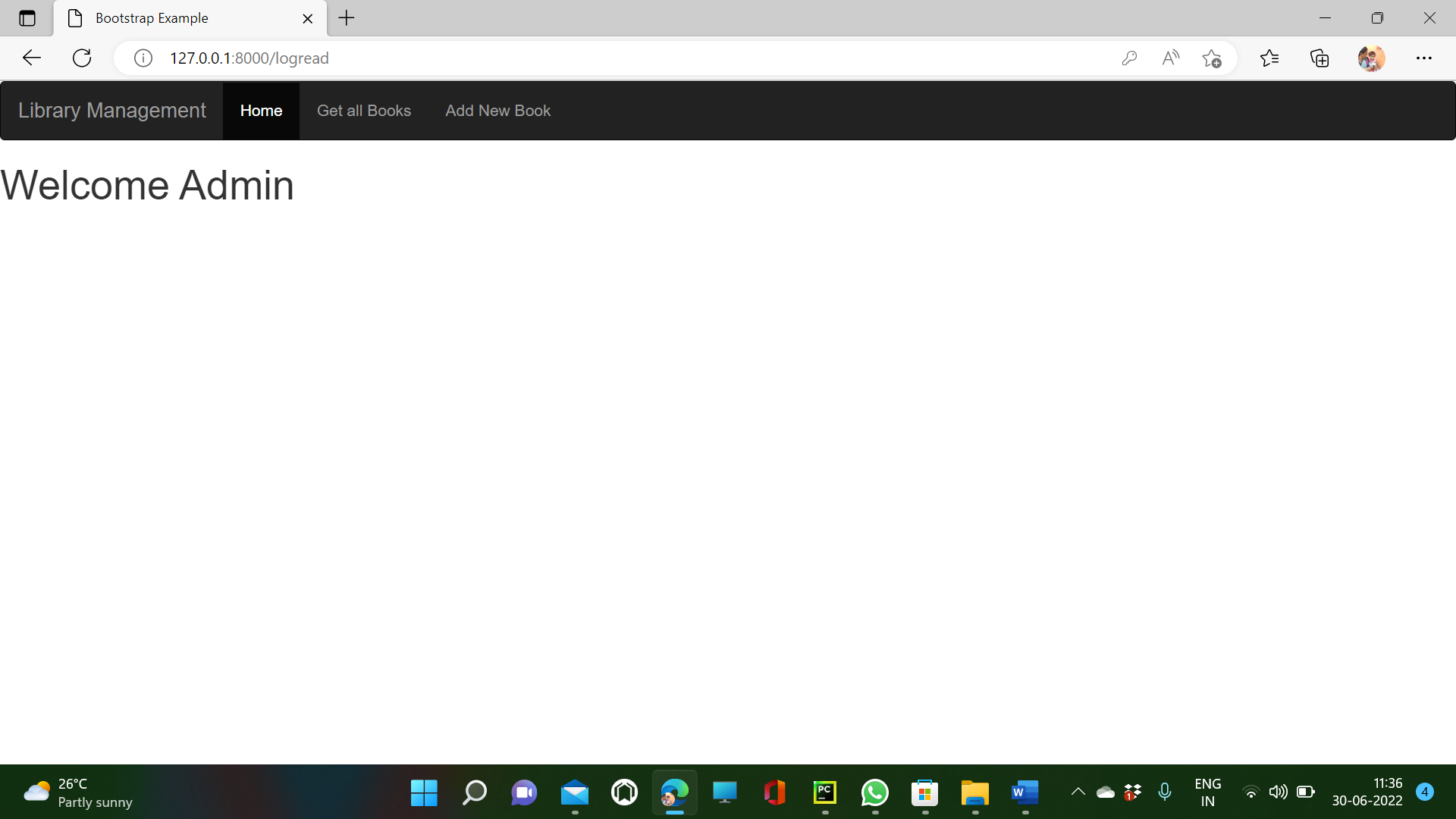
def delete\_book(request**,**id):  
 l1= books.objects.get(id=id)  
 l1.delete()  
 return redirect('books')

### Python Online Library Management System Output:

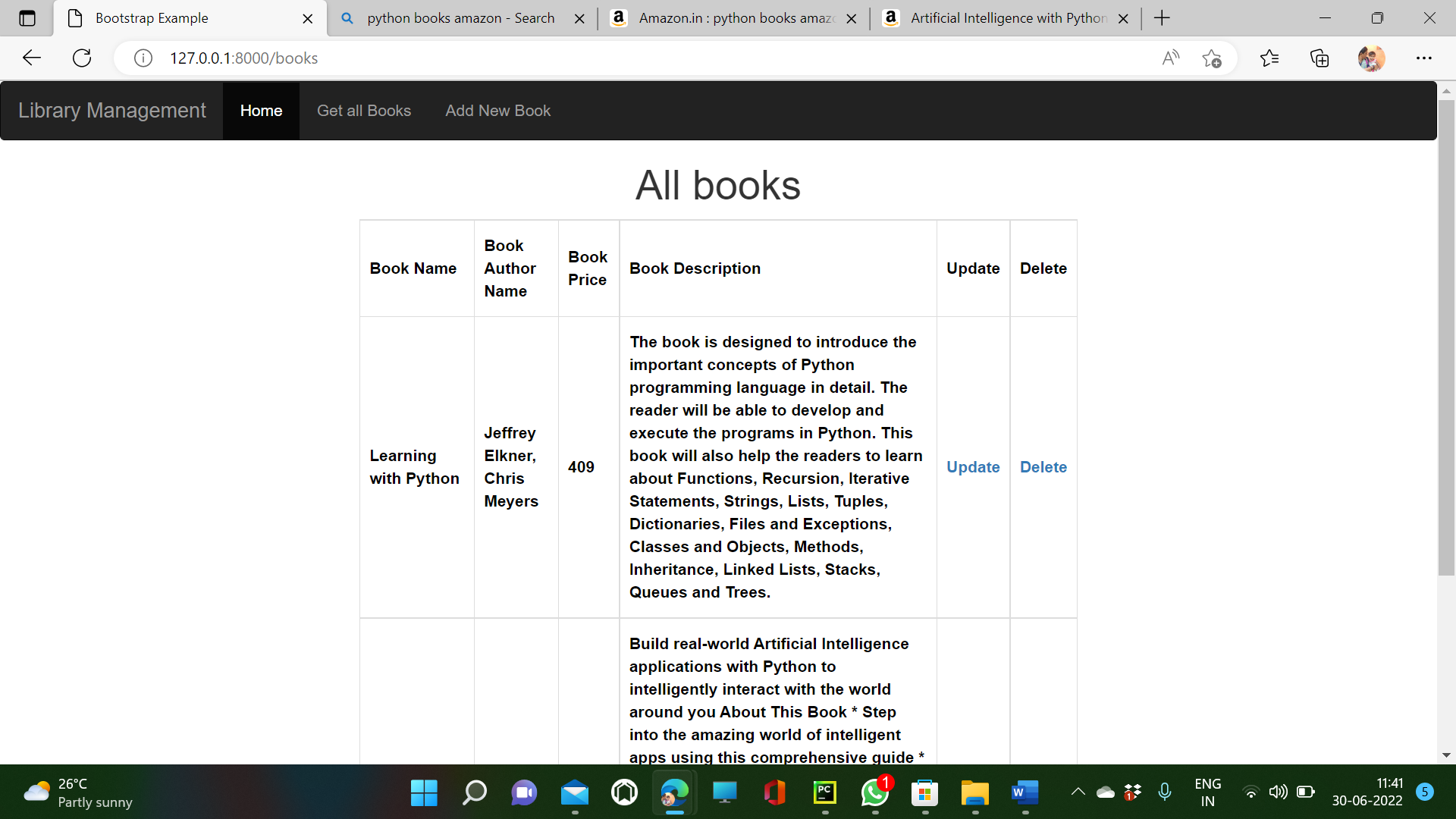
Login page:-



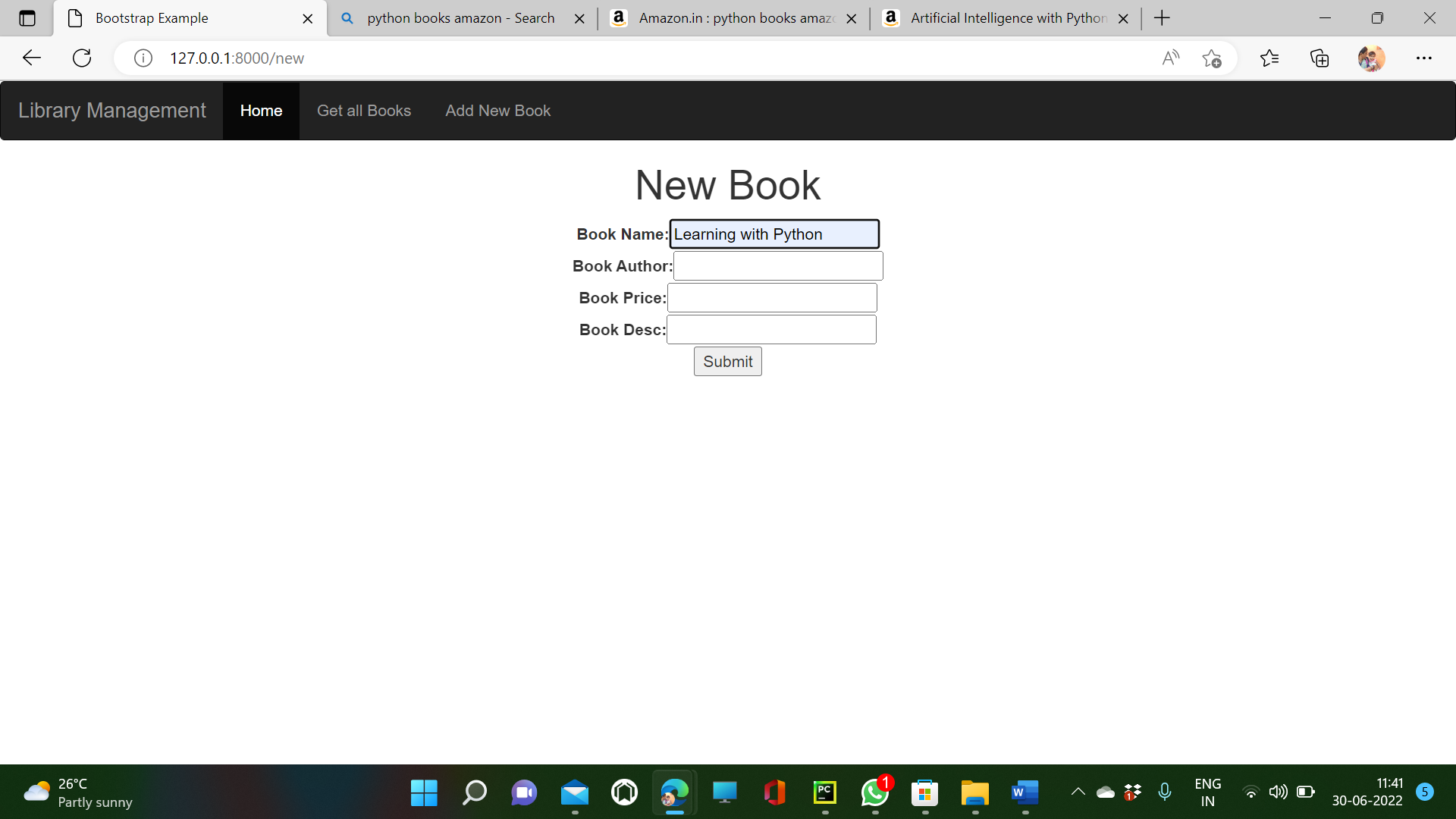
Login Home Page:-



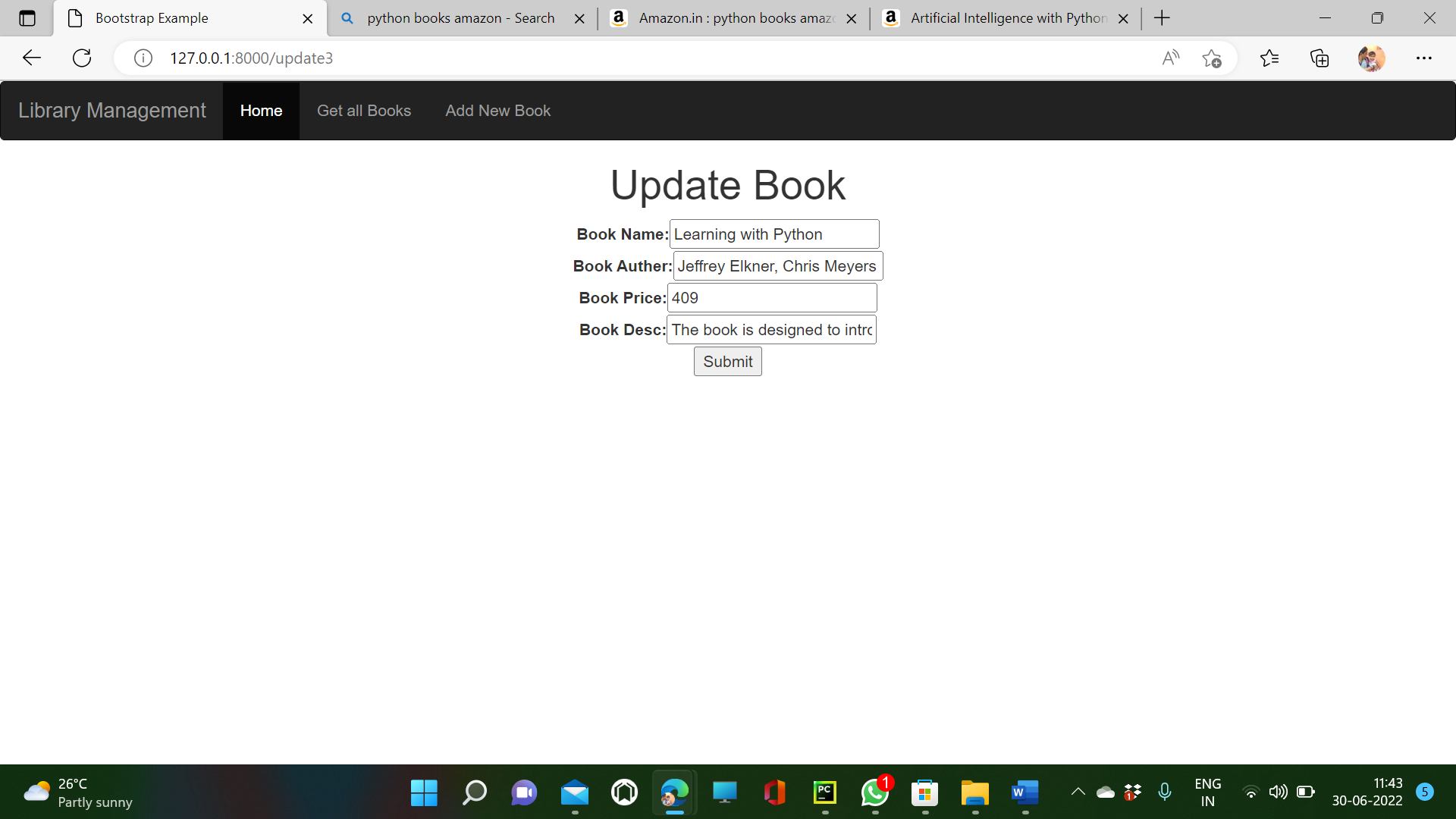
Get All Books:-



Add book page:-



Update book:-



Delete Book:-

After clicking the Delete option it is deleted

