

```
# Python program to find information about books
# details of any book
# using openlibrary api

# import required modules

import requests, json

# Enter your API key here

api_key = "Your_API_Key"

# base_url variable to store url

base_url="http://openlibrary.org/api/volumes/brief/isbn/9780525440987.json"

# Give book name

Book_name = input("Enter book name : ")

# complete_url variable to store
# complete url address

complete_url = base_url + "appid=" + api_key + "&q=" + book_name

# get method of requests module
# return response object

response = requests.get(complete_url)

# json method of response object
# convert json format data into
# python format data

x = response.json()

# Now x contains list of nested dictionaries
# Check the value of "cod" key is equal to
# "404", means book is found otherwise,
# book is not found

if x["cod"] != "404":
```

```
# store the value of "main"
```

```
# key in variable y
```

```
y = x["main"]
```

```
# store the value corresponding
```

```
# to the "price" key of y
```

```
current_price = y["price"]
```

```
# store the value corresponding
```

```
# to the "color" key of y
```

```
color = y["color"]
```

```
# store the value corresponding
```

```
# to the "pages" key of y
```

```
pages = y["pages"]
```

```
# store the value of "author"
```

```
# key in variable z
```

```
z = x["author"]
```

```
# store the value corresponding
```

```
# to the "description" key at
```

```
# the 0th index of z
```

```
author_description = z[0]["description"]
```

```
# print following values

print(" price (in rupees unit) = " +

      str(current_price) +

      "\n color = " +

      str(color) +

      "\n pages = " +

      str(pages) +

      "\n description = " +

      str(author_description))

else:

    print(" Book Not Found ")
```