

```

class Author:
    totalBooks = 0
    def __init__(self, name = ''):
        self.name = name
        self.bookno = 0

    def addBook(self, book, type):
        if self.name == '':
            print(' A book can not be added without author name')
        else:
            Author.totalBooks += 1
            self.book = book
            self.type = type

            self.bookno += 1

    def setName(self, name):
        self.name = name
    def printDetail(self):
        print('Number of books', self.bookno)
        print('Author name:', self.name)
        print(self.type, ': ', self.book)

```

```

print("Total Books: ", Author.totalBooks)
print("=====")
a1 = Author()
print("=====")
a1.addBook("Ice", "Science Fiction")
print("=====")
a1.setName("Anna Kavan")
a1.addBook("Ice", "Science Fiction")
a1.printDetail()
print("=====")
a2 = Author("Humayun Ahmed")
a2.addBook("Onnobhubon", "Science Fiction")
a2.addBook("Megher Upor Bari", "Horror")
print("=====")

```

```
a2.printDetail()
a2.addBook("Ireena", "Science Fiction")
print("=====")
a2.printDetail()
print("=====")
print("Total Books: ", Author.totalBooks)
```