**With Class diagram Create a class called Author with attributes author name and author age and call the corresponding address constructor by passing the arguments and create another class called Book with its attributes Book name and book id ..Create Has-A Relation ship between the class using Aggregation in order to print the details of author and books.....(i) Using Getter ,toString Method (ii) Without using Getter ,toString Method**

**//Author class**

**package** Sah;

**public** **class** Author {

**private** String Aname;

**private** **int** Aage;

Author(String Aname,**int** Aage)

{

**this**.Aname=Aname;

**this**.Aage=Aage;

}

**public** String getN()

{

**return** Aname;

}

**public** **int** getA()

{

**return** Aage;

}

**public** String toString()

{

String s=String.*format*("Author name=%s%n Author age=%d",getN(),getA());

**return** s;

}

}

**//Book**

**package** Sah;

**public** **class** Book {

String Bname;

String Bid;

Author A;

//Has-A relationship

Book(String Bname,String Bid,Author A)

{

**this**.Bname=Bname;

**this**.Bid=Bid;

**this**.A=A;

}

**public** **static** **void** main(String[] args) {

Author au=**new** Author("Aashutosh",22);

Book b=**new** Book("Java Programming","21SC1101",au);

System.***out***.println("----------------------------------------------------------");

System.***out***.println(b.A.getN());

System.***out***.println(b.A.getA());

System.***out***.println("----------------------------------------------------------");

System.***out***.println(b.Bname);

System.***out***.println(b.Bid);

System.***out***.println("----------------------------------------------------------");

}

}