**Home Work**

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1. WAP to create a Book class. Add proper members and functionalities to print the title author, no of pages, publication and year. (Class Book 2)

import java.util.Scanner;

class Book

{

String title;

String author;

int noPage;

String publi;

int year;

Scanner sc=new Scanner(System.in);

void display()

{

System.out.println("The title of the book is "+title);

System.out.println("The author of the book is "+author);

System.out.println("The book has "+noPage+" pages");

System.out.println("The book is published by "+publi);

System.out.println("The book was published in the year "+year);

}

void details()

{

System.out.println("Enter the title, author, no. of pages, publication and year of publishing");

title=sc.nextLine();

author=sc.nextLine();

noPage=sc.nextInt();

sc.nextLine();

publi=sc.nextLine();

year=sc.nextInt();

}

public static void main(String args[])

{

Book b1=new Book();

b1.details();

b1.display();

}

}

1. WAP to print static and non-static variables in static and non-static methods. ‘a’ instance variable and ‘id’ static variable and display( ) for non-static and show( ) for static. (Class Static Non-Static 1)

import java.util.Scanner;

class SnonS

{

int a=10;

static int id=100;

void display()

{

System.out.println("The non static value is "+a);

}

static void show()

{

System.out.println("The static value is "+id);

}

public static void main(String args[])

{

Scanner sc=new Scanner(System.in);

SnonS s1=new SnonS();

SnonS s2=new SnonS();

SnonS s3=new SnonS();

show();

s1.a=20;

s3.a=30;

s2.id=200;

s1.display();

s1.show();

s2.display();

s2.show();

s3.display();

s3.show();

}

}