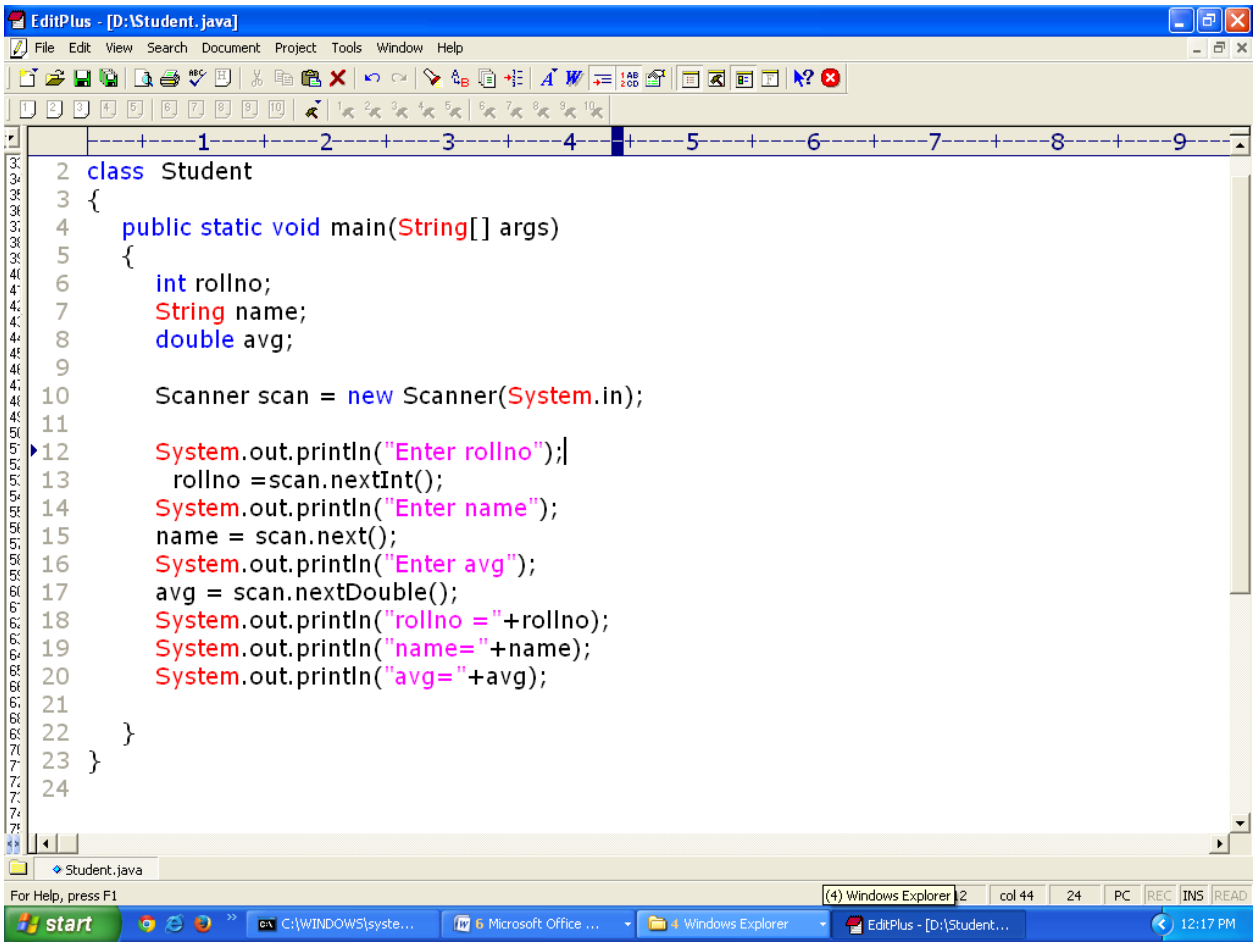
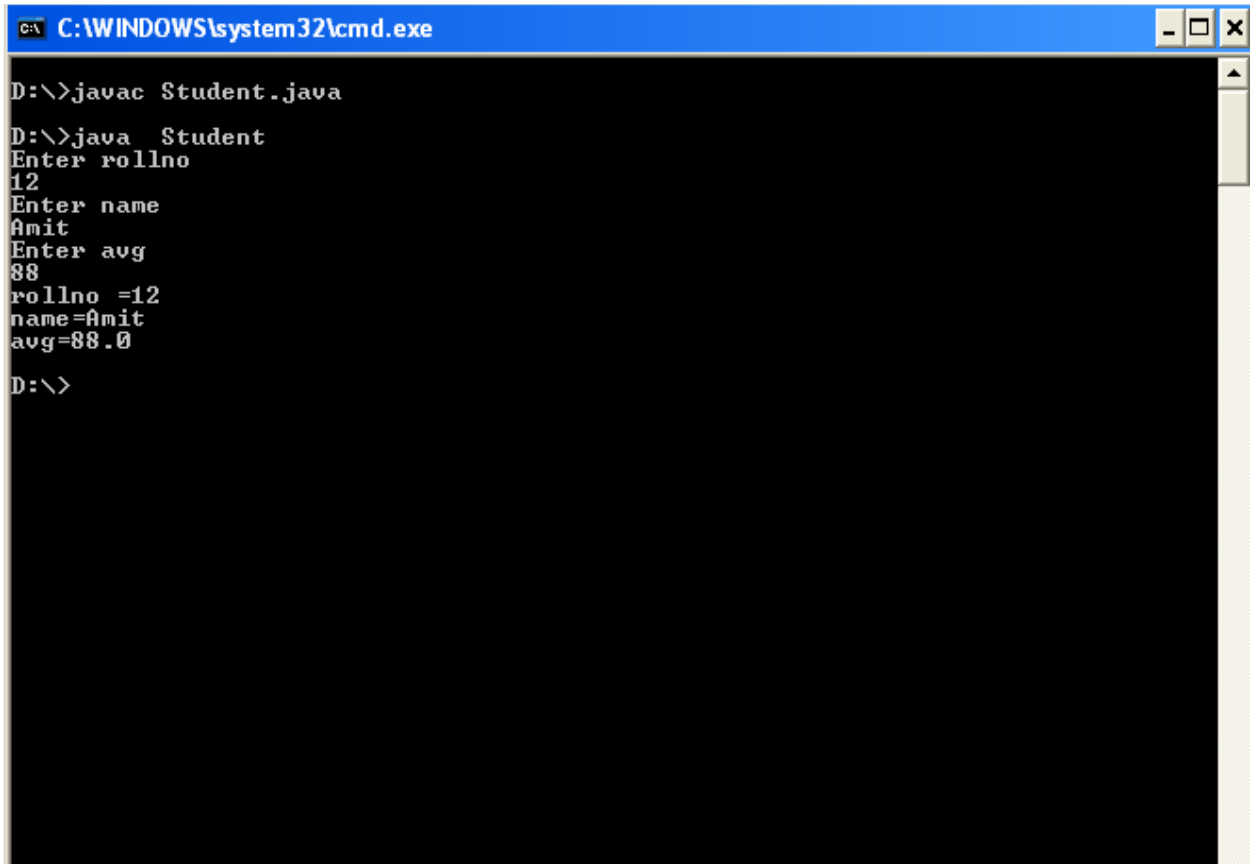
Lab-2 Assignments

Introducing Scanner Class To Accept The Values From The User

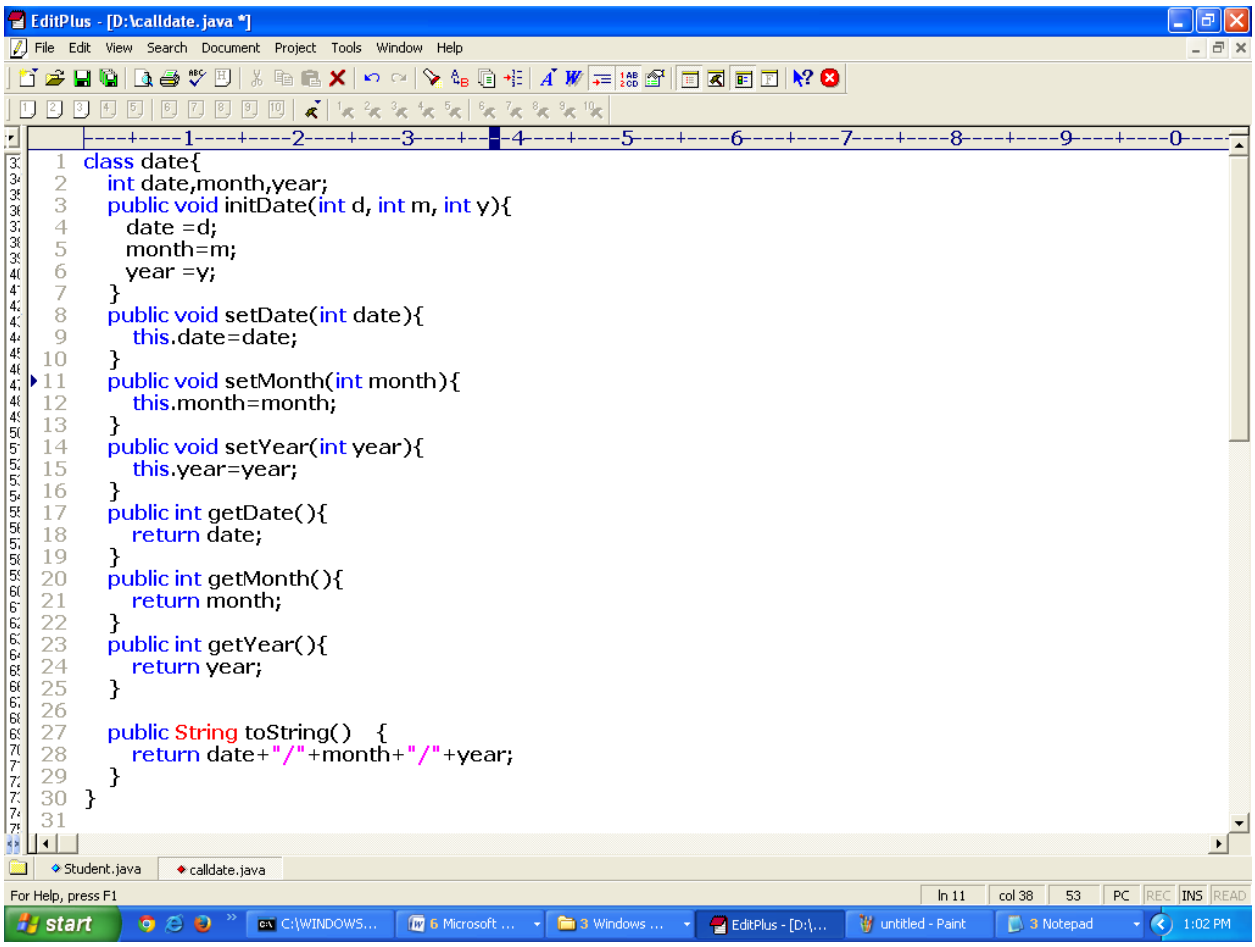
Demo for Scanner Class



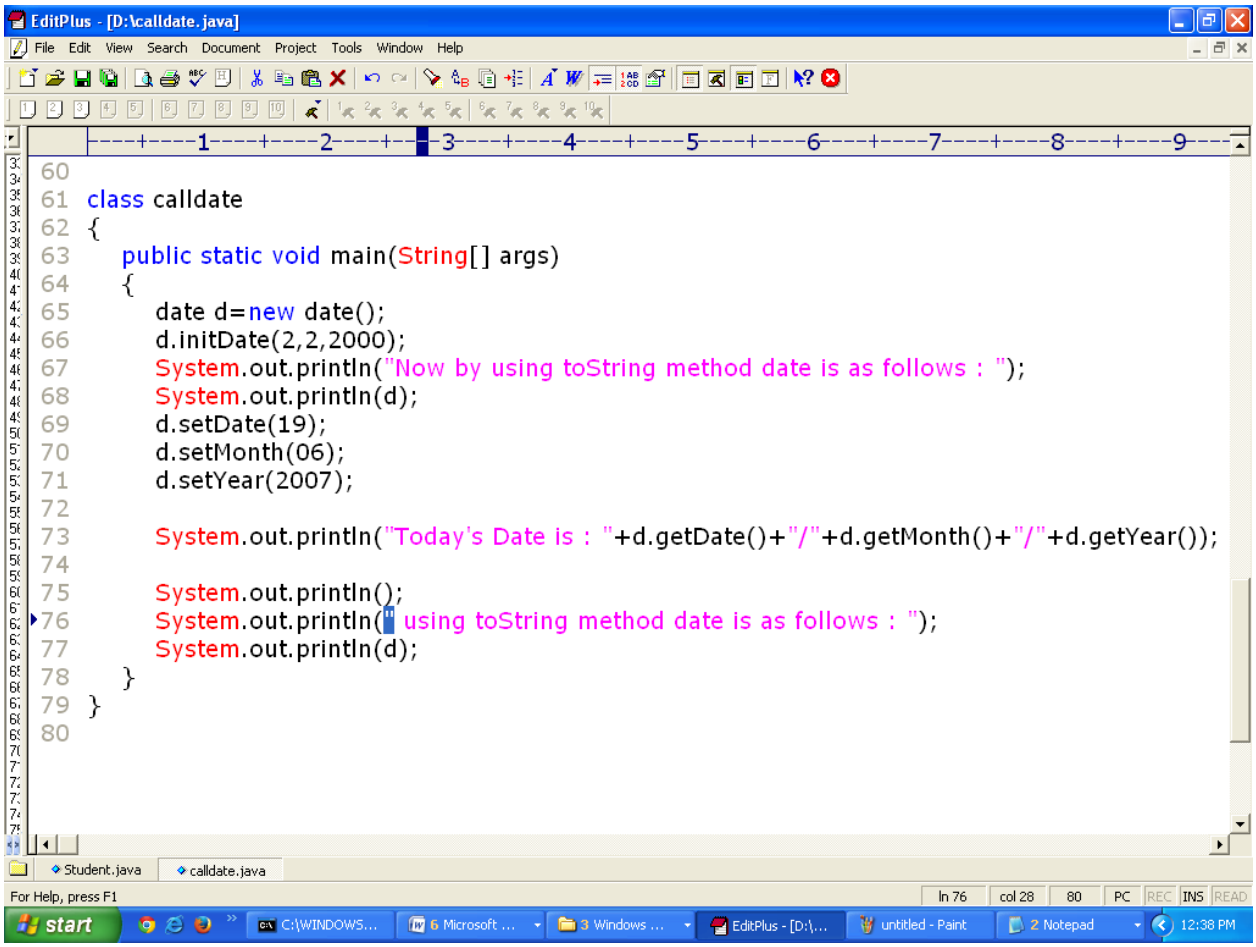
Save as Student.java(in d:\)
Compile and run from Command Prompt
Note: Always set the path if new command prompt is opened(as mentioned in the previous lab demo)



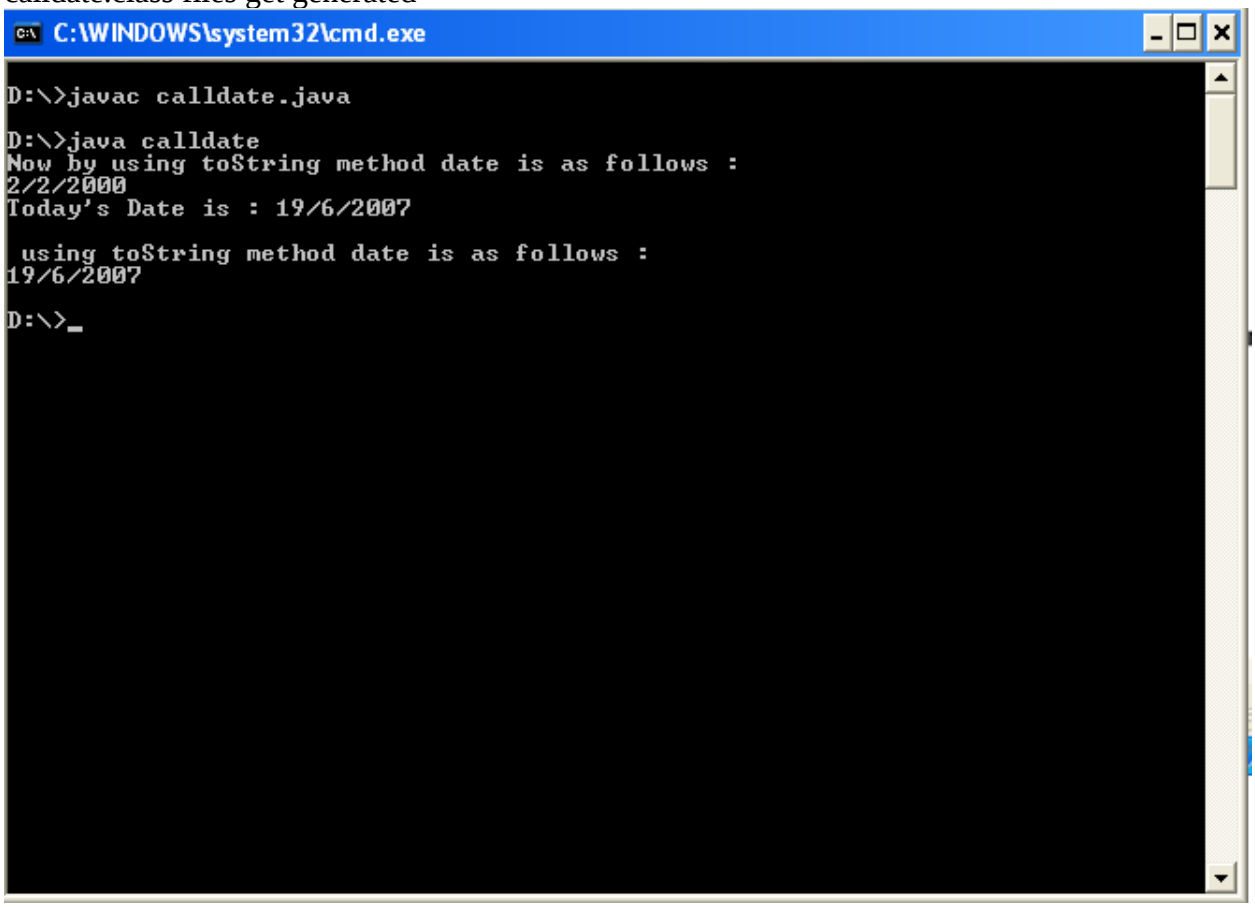
Demo for Getter Setter Methods


EditPlus - [D:\calldate.java *]
File Edit View Search Document Project Tools Window Help
class date{
int date,month,year;
public void initDate(int d, int m, int y){
date =d;
month=m;
year =y;
}
public void setDate(int date){
this.date=date;
}
public void setMonth(int month){
this.month=month;
}
public void setYear(int year){
this.year=year;
}
public int getDate(){
return date;
}
public int getMonth(){
return month;
}
public int getYear(){
return year;
}
public String toString() {
return date+"/"+month+"/"+year;
}
}
Student.java
calldate.java
For Help, press F1
ln 11 col 38 53 PC REC INS READ
start
1:02 PM

ac1


EditPlus - [D:\calldate.java]
File Edit View Search Document Project Tools Window Help
class calldate
{
public static void main(String[] args)
{
date d=new date();
d.initDate(2,2,2000);
System.out.println("Now by using toString method date is as follows : ");
System.out.println(d);
d.setDate(19);
d.setMonth(06);
d.setYear(2007);
System.out.println("Today's Date is : "+d.getDate()+"/"+d.getMonth()+"/"+d.getYear());
System.out.println();
System.out.println(" using toString method date is as follows : ");
System.out.println(d);
}
}
Student.java
calldate.java
For Help, press F1
ln 76 col 28 80 PC REC INS READ
start
12:38 PM

Save as calldate.java
Compile and run calldate.java
Note: When calldate.java is compiled , date class also gets compiled and date.class and calldate.class files get generated



Assignments To Solve

1. WAP to check whether a person is eligible for voting
2. WAP to check whether a given year is a LEAP year
3. WAP to find the factorial of a number?
4. WAP to find whether a given number is an Armstrong number
5. WAP to reverse the given number
6. Generate the Fib… series 1 1 2 3 5 8 13
7. Create a class Book which describes its Book_title and Book_price. Use getter and setter methods to get & set the Books description. Implement createBook and showBook methods to create and display Book Information. Write a separate class BookInfo to access the Book class