

Practical 2 OOP:

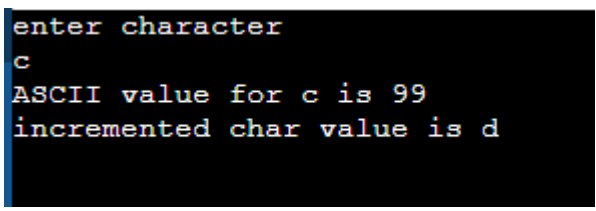
Devasy Patel, 20BCE057

Practical 2a:

Code:

```
import java.util.Scanner;
//to import scanning library
class prac2A
{
    public static void main(String args[])
// A Java program begins with a call to main().
    {
        char ch;
//char declaration
        int ASCII;
        Scanner sc = new Scanner (System.in);
//scan statement
        System.out.println("enter character");
        ch=sc.next().charAt(0);
        ASCII= (int) ch;
//typecasting char to int
        System.out.println("ASCII value for " +ch+ " is "+ASCII);
        System.out.println("incremented char value is " + ++ch);
    }
}
```

Input/Output:

A screenshot of a terminal window with a black background and white text. The output of the Java program is displayed, showing the prompt 'enter character', the input 'c', and the resulting ASCII value and incremented character.

```
enter character
c
ASCII value for c is 99
incremented char value is d
```

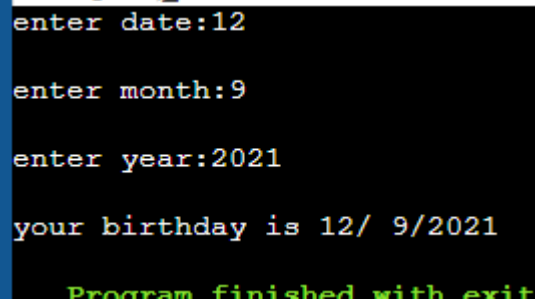
Practical 2b:

Code:

```
import java.util.Scanner;
//to import scan library
class prac2B
{
    public static void main(String args[])
// A Java program begins with a call to main().
    {
        int date,month,year;
```

```
        Scanner sc = new Scanner(System.in);
//scan statement
        System.out.print("enter date:");
        date=sc.nextInt();
//to scan int value for date
        System.out.print("\nenter month:");
        month=sc.nextInt();
//to scan int value for month
        System.out.print("\nenter year:");
        year=sc.nextInt();
//to scan int value for year
        System.out.formate("\nyour birthday is %2d/%2d/%d
",date,month,year); //to print in given formate
    }
}
```

Input/Output:



```
enter date:12
enter month:9
enter year:2021
your birthday is 12/ 9/2021
Program finished with exit
```