

Program 1

```
public class Command_Input
{
    public static void main(String[] args)
    {
        System.out.println("Enter two decimal values:");
        double a=Double.parseDouble(args[0]);
        double b=Double.parseDouble(args[1]);
        double s = a + b;
        System.out.println("First: " + a);
        System.out.println("Second: " + b);
        System.out.println("Sum: " + s);
    }
}
```

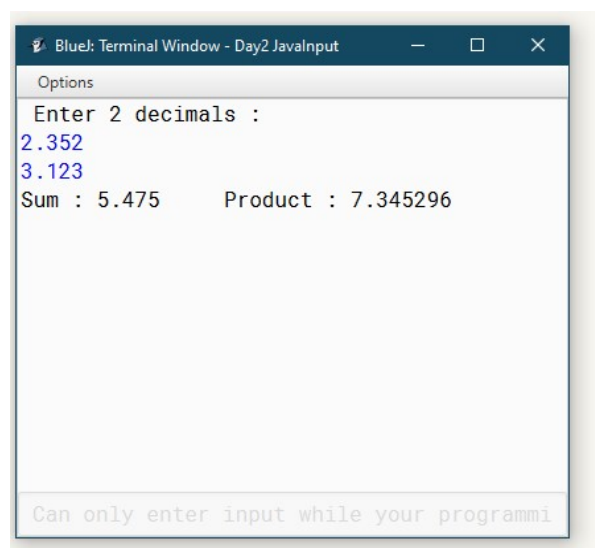
Output:

```
Enter two decimal values:
7.14581
1.58963
First: 7.14581
Second: 1.58963
Sum: 8.73544
```

Program 2

```
import java.io.*;
public class Buffer_Input
{
    public static void main(String args[]) throws IOException
    {
        InputStreamReader s=new InputStreamReader(System.in);
        BufferedReader in=new BufferedReader(s);
        System.out.println("Enter 2 decimals :");
        String s1=in.readLine();
        String s2=in.readLine();
        double a=Double.parseDouble(s1);
        double b=Double.parseDouble(s2);
        double p = a * b;
        double sum = a + b;
        System.out.println("Sum : " + sum + "\tProduct : " + p);
    }
}
```

Output:



Program 3

```
import java.io.Console;
public class Console_Input
{
    public static void main(String args[])
    {
        Console in=System.console();
        System.out.println("Enter two decimal values:");
        double a = Double.parseDouble(in.readLine());
        double b = Double.parseDouble(in.readLine());
        double s = a + b;
        double p = a * b;
        System.out.println("Sum = " + s + "\nProduct = " + p);
    }
}
```

Output:

Enter two decimal values:

2.1

3.2

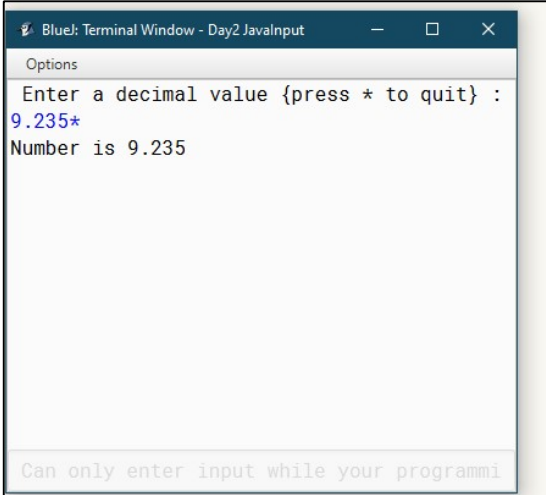
Sum = 5.3

Product = 6.72

Program 4

```
import java.io.*;
public class Basic_Input
{
    public static void main(String[] args) throws IOException
    {
        char ch;
        String str = "";
        System.out.println("Enter a decimal value {press * to quit} :");
        while((ch = (char)System.in.read())!='*')
            str = str + ch;
        double n=Double.parseDouble(str);
        System.out.println("Number is " + n);
    }
}
```

Output:

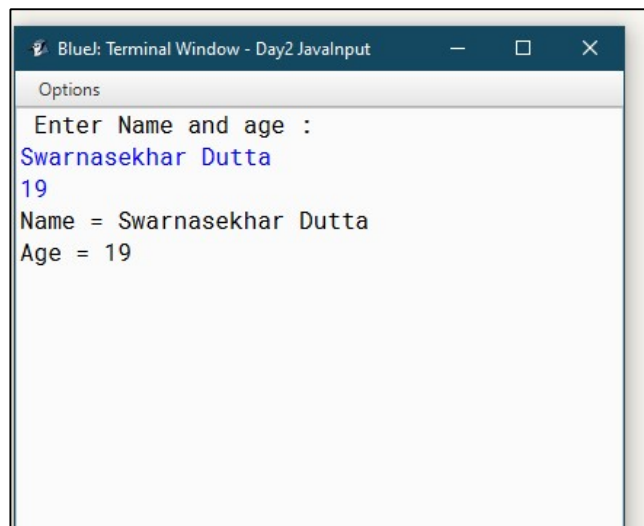
A screenshot of a terminal window titled "Blue: Terminal Window - Day2 JavaInput". The window has a dark blue header bar with window control icons. Below the header is a light gray bar labeled "Options". The main area of the terminal is white and contains the following text: "Enter a decimal value {press * to quit} :", "9.235*", and "Number is 9.235". The input "9.235*" is shown in blue. At the bottom of the terminal, there is a light gray bar with the text "Can only enter input while your programmi".

```
Blue: Terminal Window - Day2 JavaInput
Options
Enter a decimal value {press * to quit} :
9.235*
Number is 9.235
Can only enter input while your programmi
```

Program 5

```
import java.util.*;
class Scan_Input
{
    public static void main()
    {
        Scanner sc = new Scanner(System.in);
        Scanner inp = new Scanner(System.in);
        System.out.println("Enter Name and age : ");
        String str = inp.nextLine();
        int age = sc.nextInt();
        System.out.println("Name = " + str);
        System.out.println("Age = " + age);
    }
}
```

Output:

A screenshot of a terminal window titled "BlueJ: Terminal Window - Day2 JavaInput". The window has a dark blue header bar with standard window controls (minimize, maximize, close). Below the header is a tab labeled "Options". The main area of the terminal is white and contains the following text: "Enter Name and age :", "Swarnasekhar Dutta" (in blue), "19" (in blue), "Name = Swarnasekhar Dutta", and "Age = 19".

```
BlueJ: Terminal Window - Day2 JavaInput
Options
Enter Name and age :
Swarnasekhar Dutta
19
Name = Swarnasekhar Dutta
Age = 19
```