

READING INPUT FROM THE CONSOLE

1. Create a Scanner object from the Scanner class

```
Scanner input = new Scanner(System.in);
```

2. Use the methods:

- `nextInt()` to read integer values
- `nextDouble()` to read double values
- `nextLine()` to read string values.

READING INPUT FROM THE CONSOLE

○ Example: reading a double value from the console

- `System.out.print("Enter a double value: ");`
- `Scanner input = new Scanner(System.in);`
- `double d = input.nextDouble();`

READING INPUT FROM THE CONSOLE

- Example: reading and printing from / to console
 - `Scanner input = new Scanner(System.in);`
 - `String s = input.nextLine();`
 - `System.out.println(s)`
- Note that to let your program works you have to import `java.util.Scanner` package just like `JOptionPane` class

EXAMPLE: SUMMATION OF TWO NUMBERS:

```
import java.util.Scanner;
class scanner{
    public static void main(String args[]){

        Scanner scan=new Scanner(System.in);

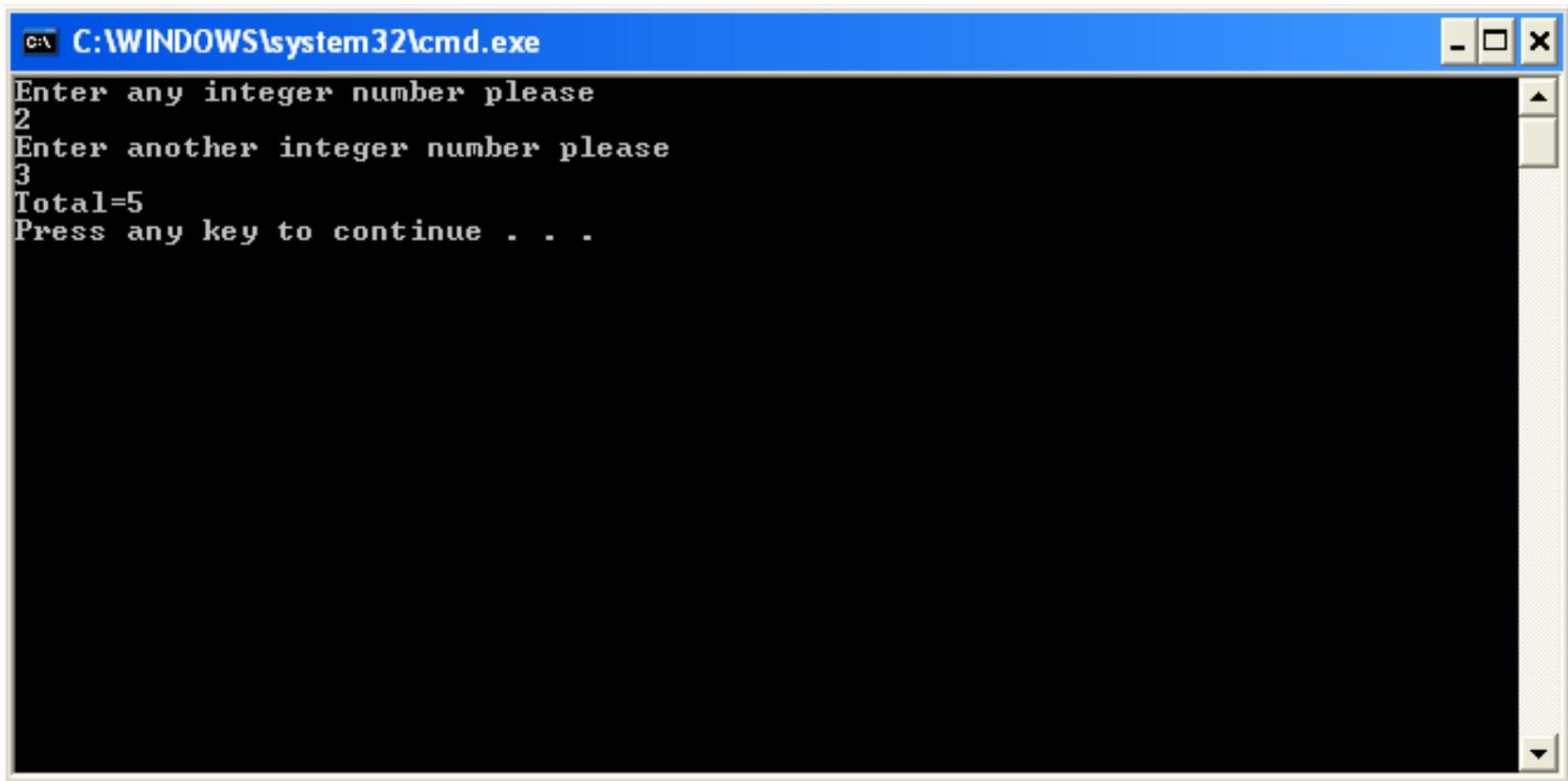
        System.out.println("Enter any integer number please");
        int x=scan.nextInt();

        System.out.println("Enter another integer number please");
        int y=scan.nextInt();

        int sum=x+y;
        System.out.println("Total="+sum);

    }
}
```

OUTPUT



A screenshot of a Windows command prompt window. The title bar is blue and contains the text "C:\WINDOWS\system32\cmd.exe" and standard window control buttons (minimize, maximize, close). The main area is black with white text. The text displayed is: "Enter any integer number please", "2", "Enter another integer number please", "3", "Total=5", and "Press any key to continue . . .".

```
C:\WINDOWS\system32\cmd.exe
Enter any integer number please
2
Enter another integer number please
3
Total=5
Press any key to continue . . .
```