

## SCANNER

# IN THE NAME OF ALLAH THE GRACIOUS, THE MERCIFUL.

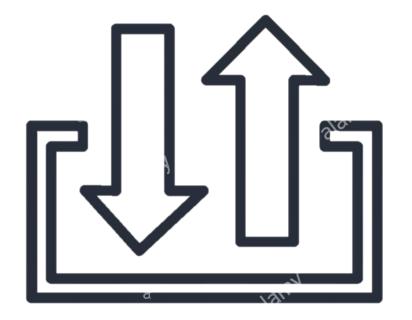


### GETS - GETTING EDUCATION WITH TECHNOLOGICAL SYSTEM

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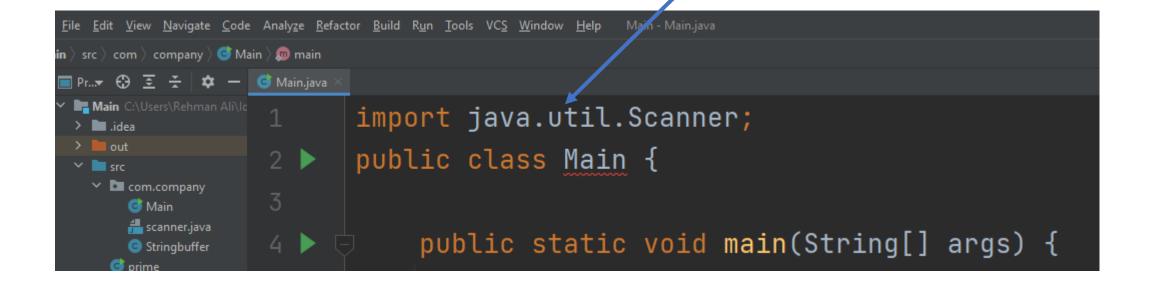
## LECTURE: 8 Scanner





The Java Scanner class is **used to collect user input**. Scanner is part of the java. util package, so it can be imported without downloading any external libraries.

## First you have to **import java.util.Scanner**; in header So that we can use their methods

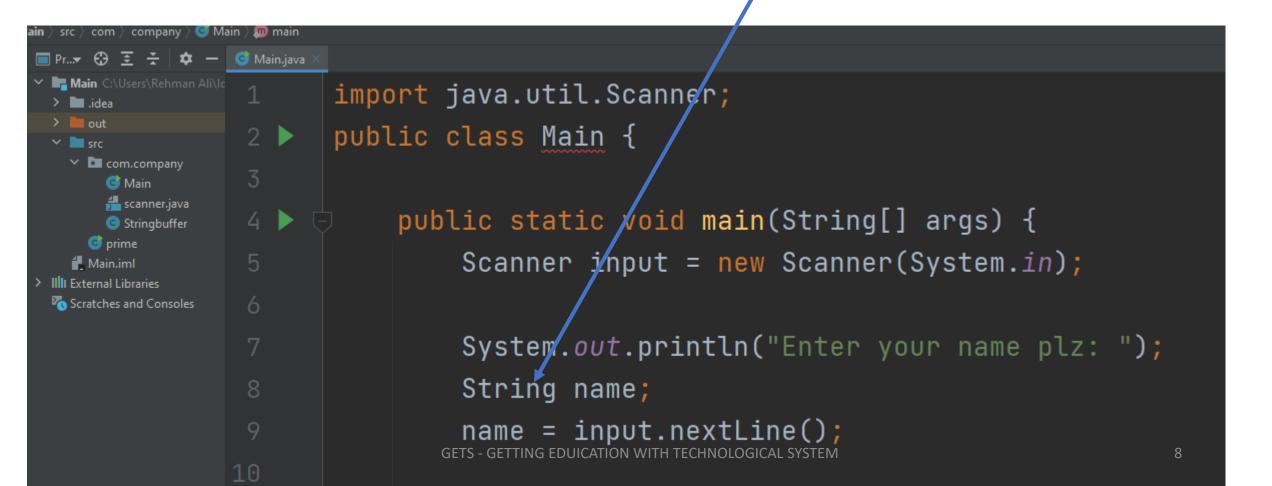


## Second you have to create Scanner object so we can use it for multiple times

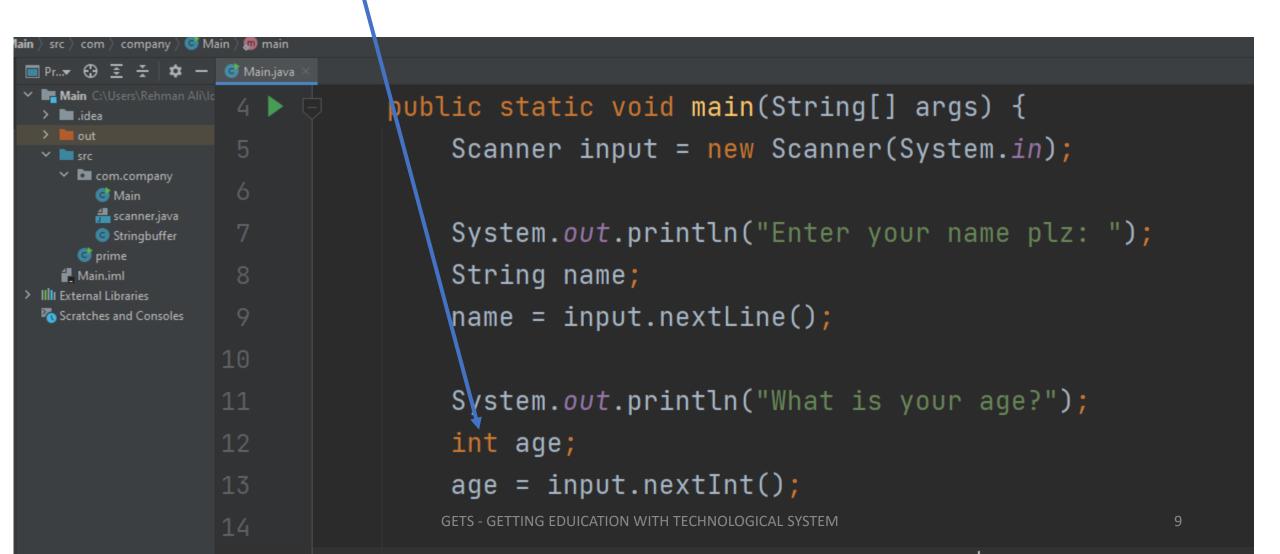
```
Main )src 〉com 〉company 〉
 🔳 Pr...▼ 😌 🗉 🛬 🛚
                  Main.java
✓ Main C:\Users\Rehman Ali\ld
                            import java.util.Scanner;
  > idea
  > out
                            public class Main /{
  ∨ src
    G Main
       a scanner.java
                                  public stat/c void main(String[] args) {
       Stringbuffer
     g prime
                                        Scanner input = new Scanner(System.in);
    Main.iml
> IIII External Libraries
  Scratches and Consoles
```

For getting text input from user we will use string and nextLine method.

\*NOTE: if you use only next method for string data it will only display one word



For getting numbers input from user we will use intand nextInt method.



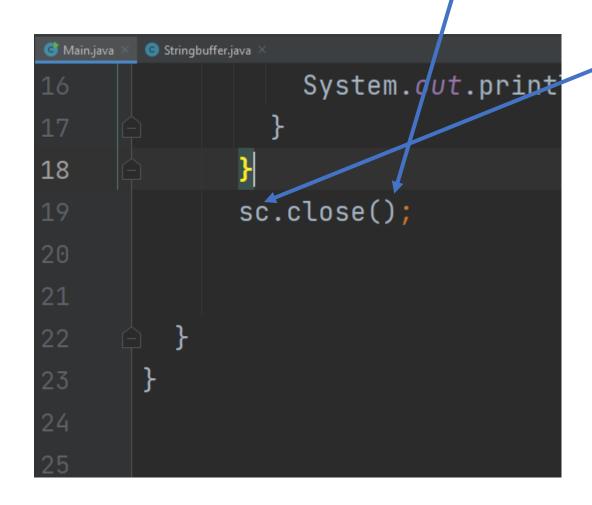
#### In this way we will use scanner for getting input from users

```
import java.util.Scanner;
                   public class Main {
                        public static void main(String[] args) {
                            Scanner input = new Scanner(System.in);
   Stringbuffer
  g prime
                            System.out.println("Enter your name plz: ");
III External Libraries
                            String name;
Scratches and Consoles
                            name = input.nextLine();
                            System.out.println("What is your age?");
                            int age;
                            age = input.nextInt();
                            System.out.println("Your name is: "+name+" your age is: "+age);
            16
   Enter your name plz:
   What is your age?
                               GETS - GETTING EDUICATION WITH TECHNOLOGICAL SYSTEM
   Your name is: rehman ali your age is: 25
```

If you want to use others data type you will write that data type in your next method

```
System. Jut.println("What is your net worth?");
                          double net;
                          net = input.nextDouble();
                          System.out.println("Your name is: "+name+" your age is: "+net);
         16
Main (1)
 Enter your name plz:
 What is your net worth?
 Your name is: rehman ali yourtsagetinigs puich 2000 this 24 no logical system
                                                                                           11
```

#### To exit the program use close() function



Object name

#### Assignment

 Create a program that will ask from user that:

- 1. Enter your name
- 2. Enter your age
- 3. Enter your email
- 4. Enter you address
- 5. Enter your Salary in decimal digits

then it will display all results

#### NOTE:

 When ever you use after nextLine() method the program skip and jump into another block of code for that, write nextLine() method in nextInt() method in above of your code