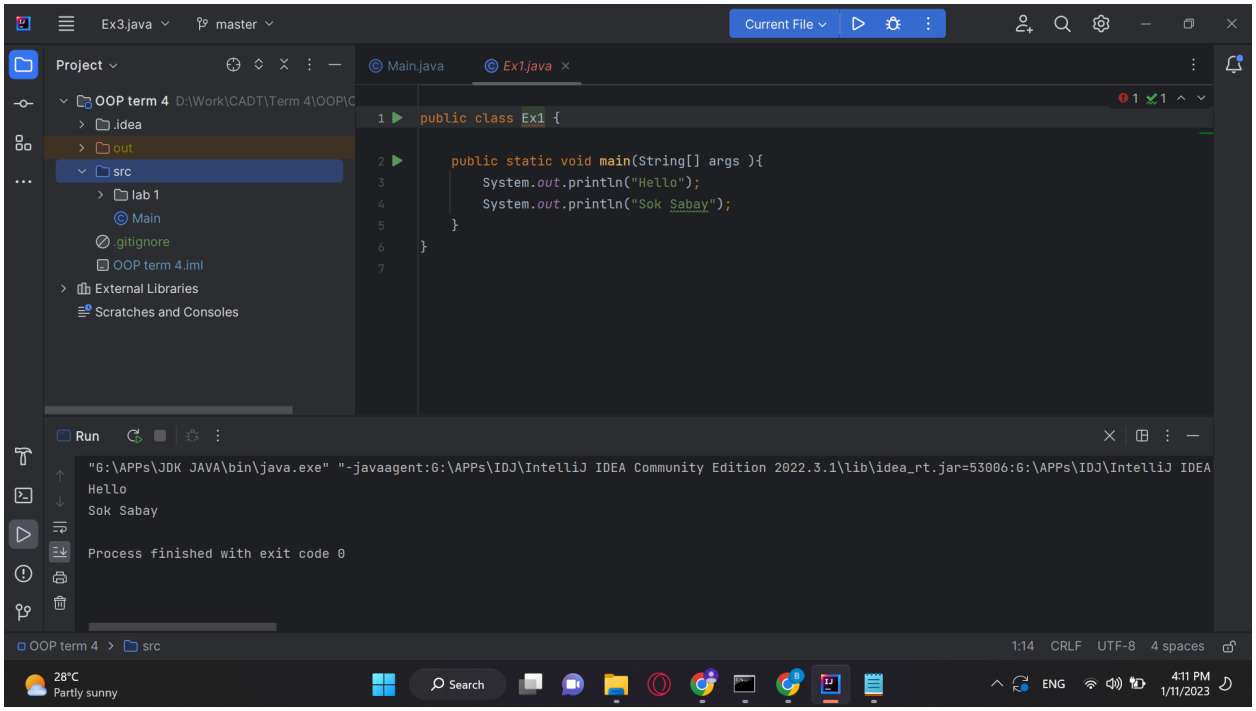
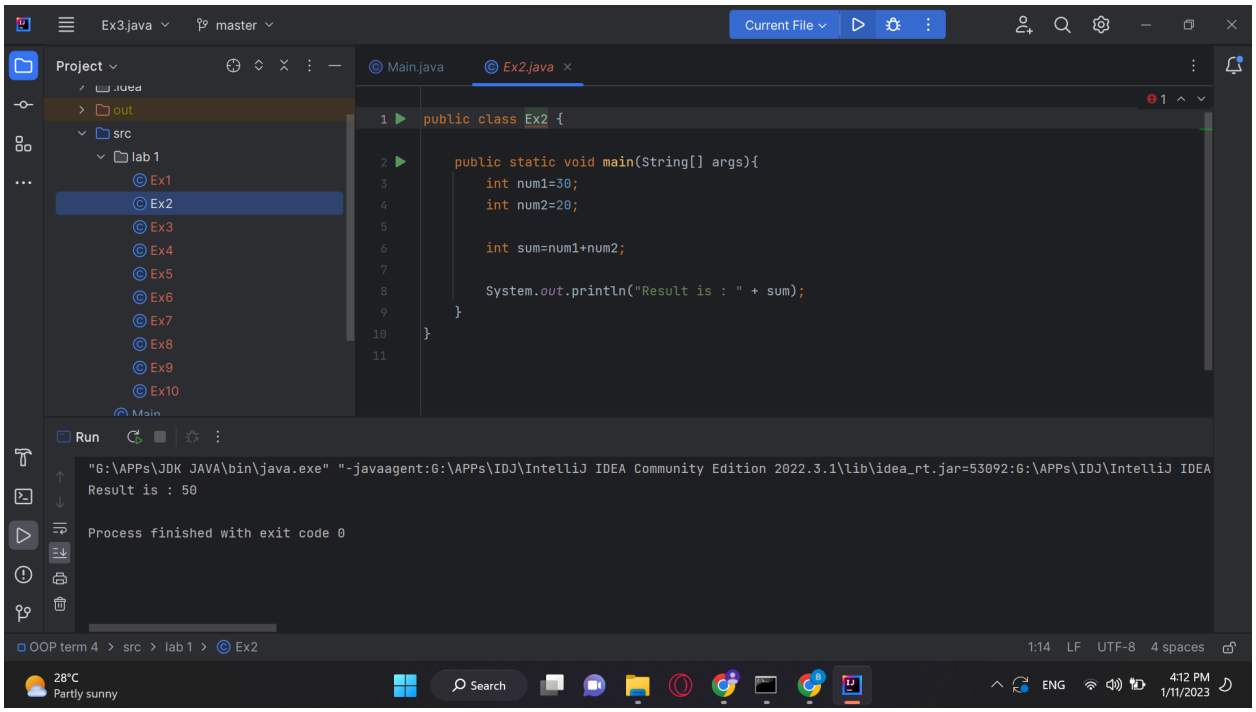
LAB 1

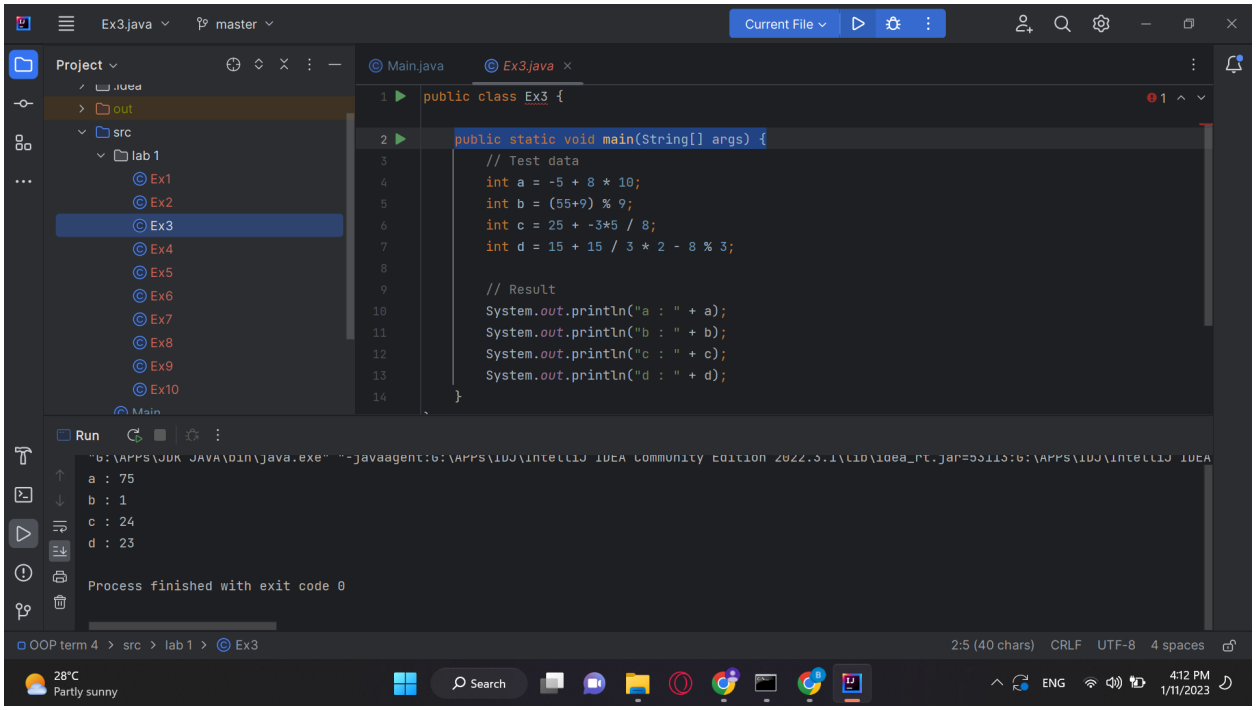
EX:1



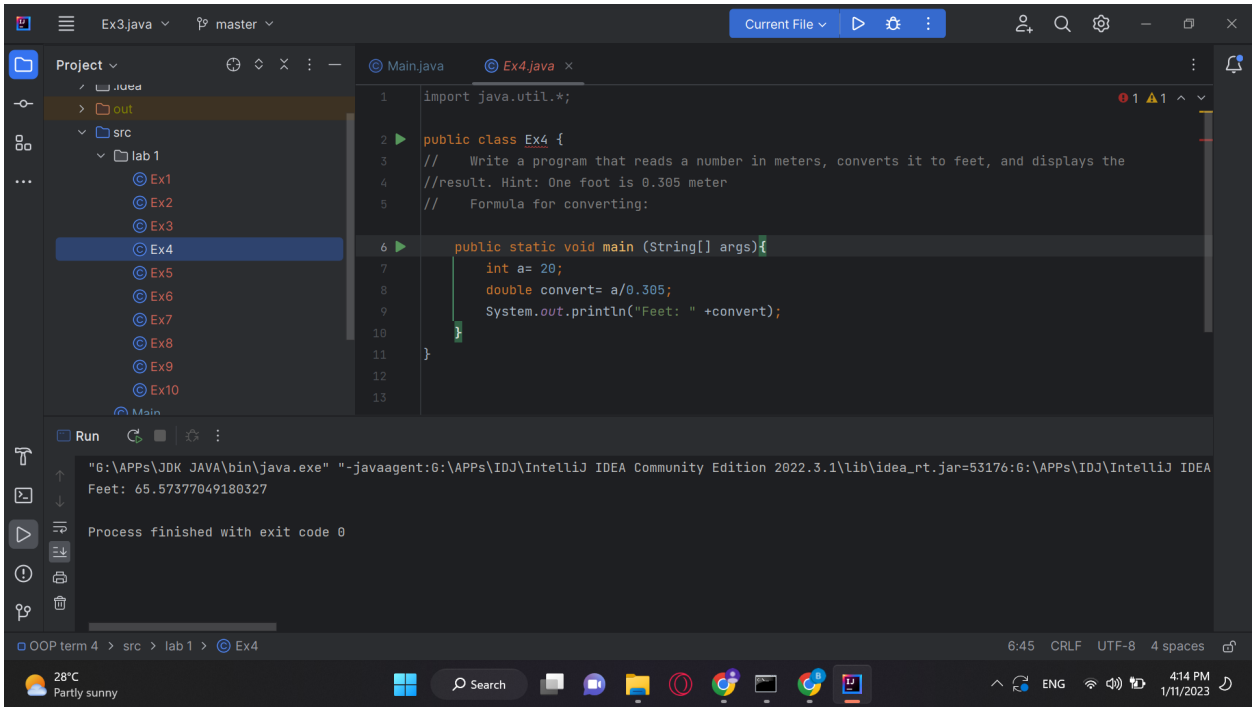
EX:2



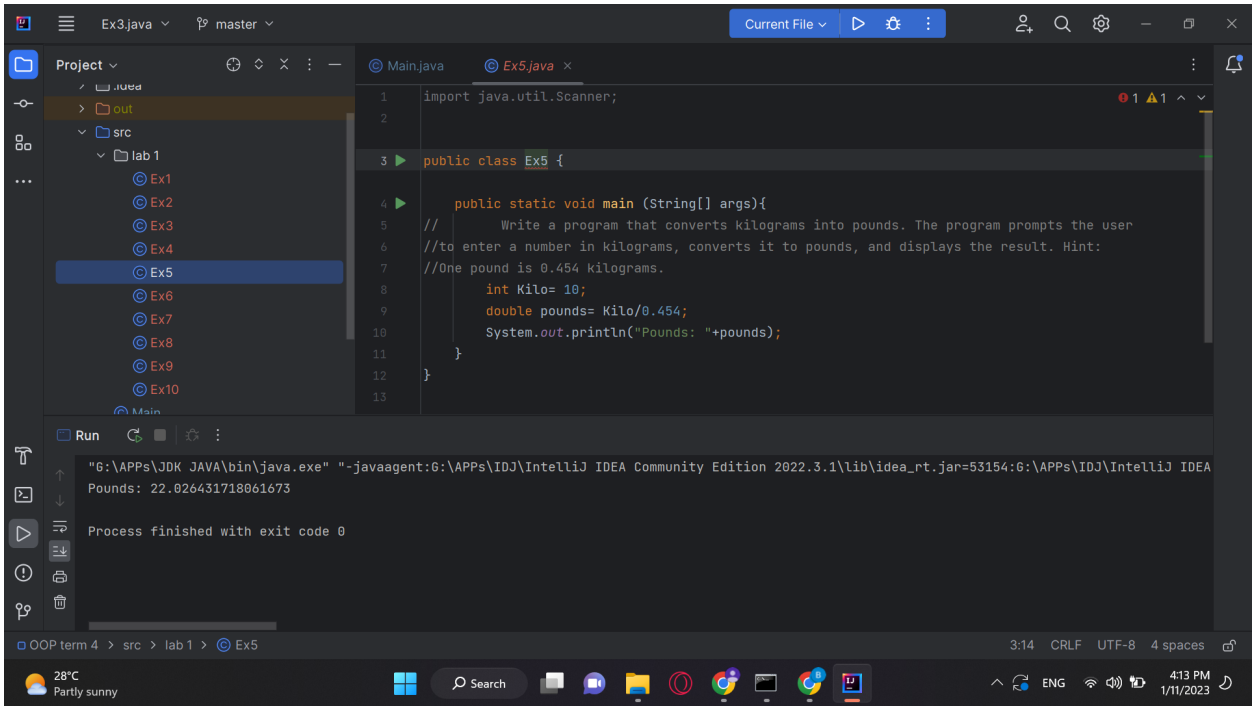
EX:3


Ex3.java
master
Current File
Project
Main.java
Ex3.java
out
src
lab 1
Ex1
Ex2
Ex3
Ex4
Ex5
Ex6
Ex7
Ex8
Ex9
Ex10
public class Ex3 {
public static void main(String[] args) {
// Test data
int a = -5 + 8 * 10;
int b = (55+9) % 9;
int c = 25 + -3*5 / 8;
int d = 15 + 15 / 3 * 2 - 8 % 3;
// Result
System.out.println("a : " + a);
System.out.println("b : " + b);
System.out.println("c : " + c);
System.out.println("d : " + d);
}
Run
a : 75
b : 1
c : 24
d : 23
Process finished with exit code 0
OOP term 4 > src > lab 1 > Ex3
2:5 (40 chars)
CRLF
UTF-8
4 spaces
28°C
Partly sunny
Search
ENG
4:12 PM
1/11/2023

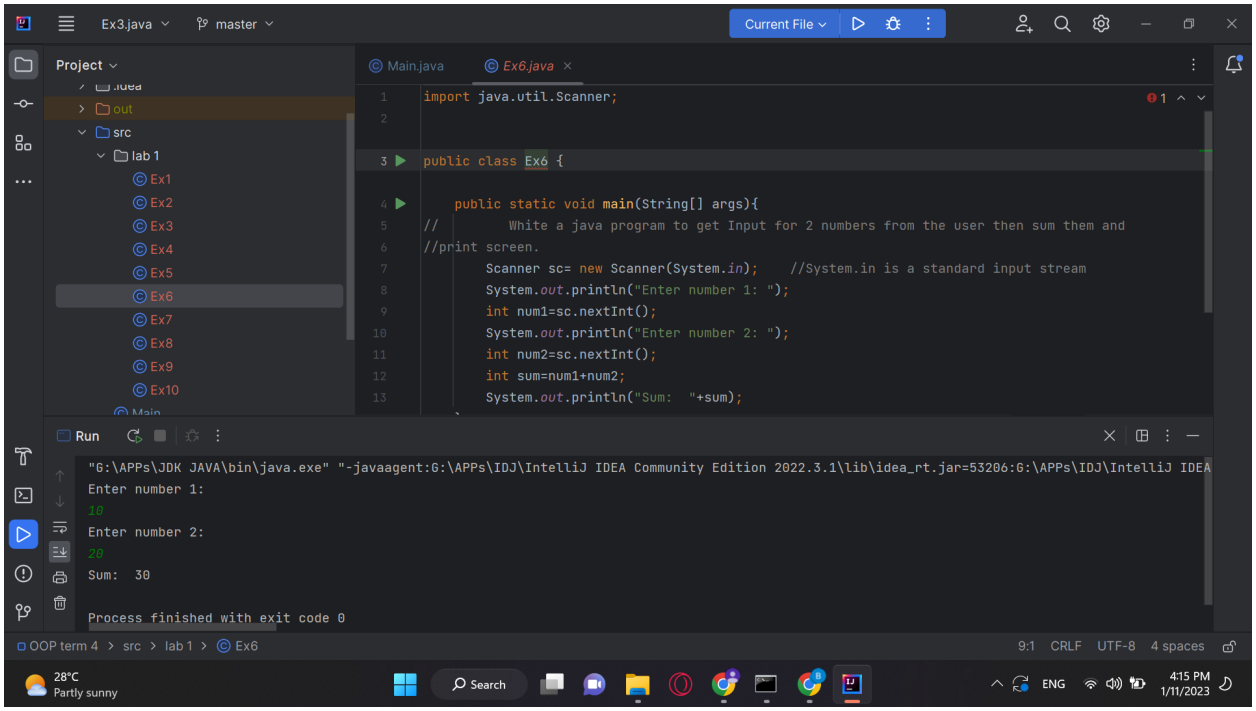
EX:4


Ex3.java
master
Current File
Project
Main.java
Ex4.java
out
src
lab 1
Ex1
Ex2
Ex3
Ex4
Ex5
Ex6
Ex7
Ex8
Ex9
Ex10
import java.util.*;
public class Ex4 {
// Write a program that reads a number in meters, converts it to feet, and displays the
//result. Hint: One foot is 0.305 meter
// Formula for converting:
public static void main (String[] args){
int a= 20;
double convert= a/0.305;
System.out.println("Feet: " +convert);
}
}
Run
"G:\APPs\JDK JAVA\bin\java.exe" "-javaagent:G:\APPs\IDJ\IntelliJ IDEA Community Edition 2022.3.1\lib\idea_rt.jar=53176:G:\APPs\IDJ\IntelliJ IDEA
Feet: 65.57377049180327
Process finished with exit code 0
OOP term 4 > src > lab 1 > Ex4
6:45
CRLF
UTF-8
4 spaces
28°C
Partly sunny
Search
ENG
4:14 PM
1/11/2023

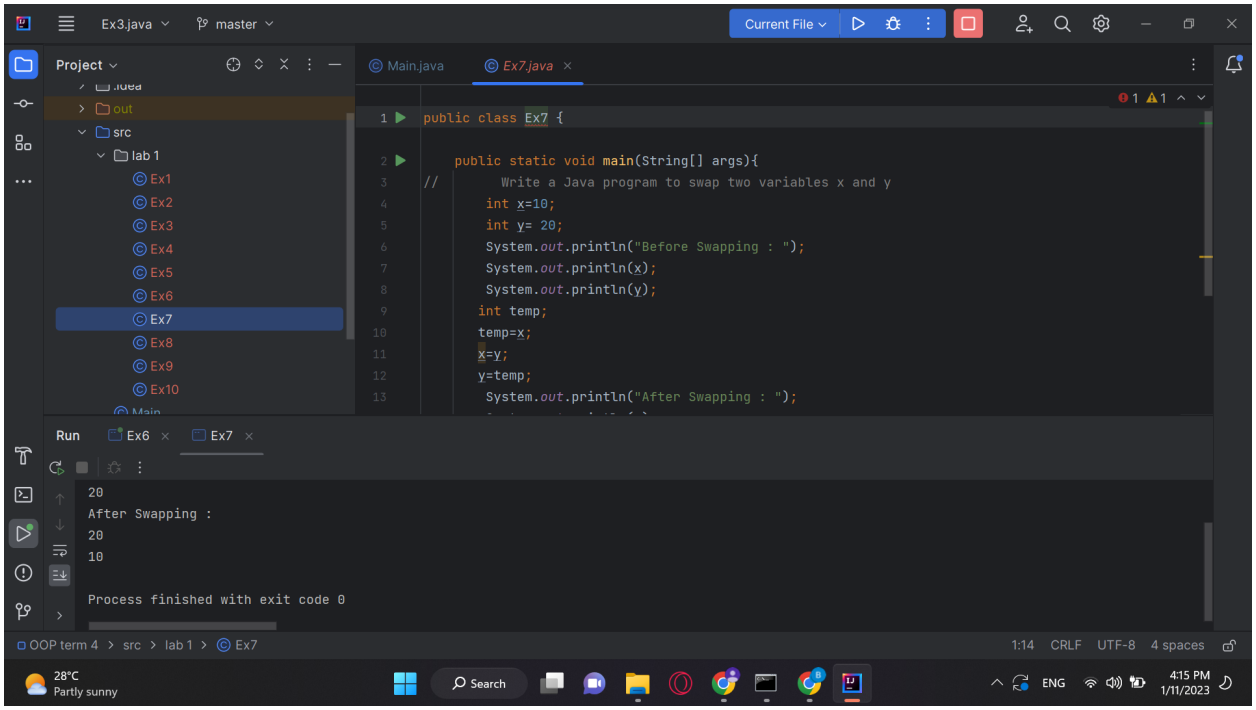
EX:5


Ex3.java
master
Current File
Project
Main.java
Ex5.java
out
src
lab 1
Ex1
Ex2
Ex3
Ex4
Ex5
Ex6
Ex7
Ex8
Ex9
Ex10
import java.util.Scanner;
public class Ex5 {
public static void main (String[] args){
// Write a program that converts kilograms into pounds. The program prompts the user
//to enter a number in kilograms, converts it to pounds, and displays the result. Hint:
//One pound is 0.454 kilograms.
int Kilo= 10;
double pounds= Kilo/0.454;
System.out.println("Pounds: "+pounds);
}
}
Run
"G:\APPs\JDK JAVA\bin\java.exe" "-javaagent:G:\APPs\IDJ\IntelliJ IDEA Community Edition 2022.3.1\lib\idea_rt.jar=53154:G:\APPs\IDJ\IntelliJ IDEA
Pounds: 22.026431718061673
Process finished with exit code 0
OOP term 4 > src > lab 1 > Ex5
3:14 CRLF UTF-8 4 spaces
28°C
Partly sunny
Search
ENG
4:13 PM
1/11/2023

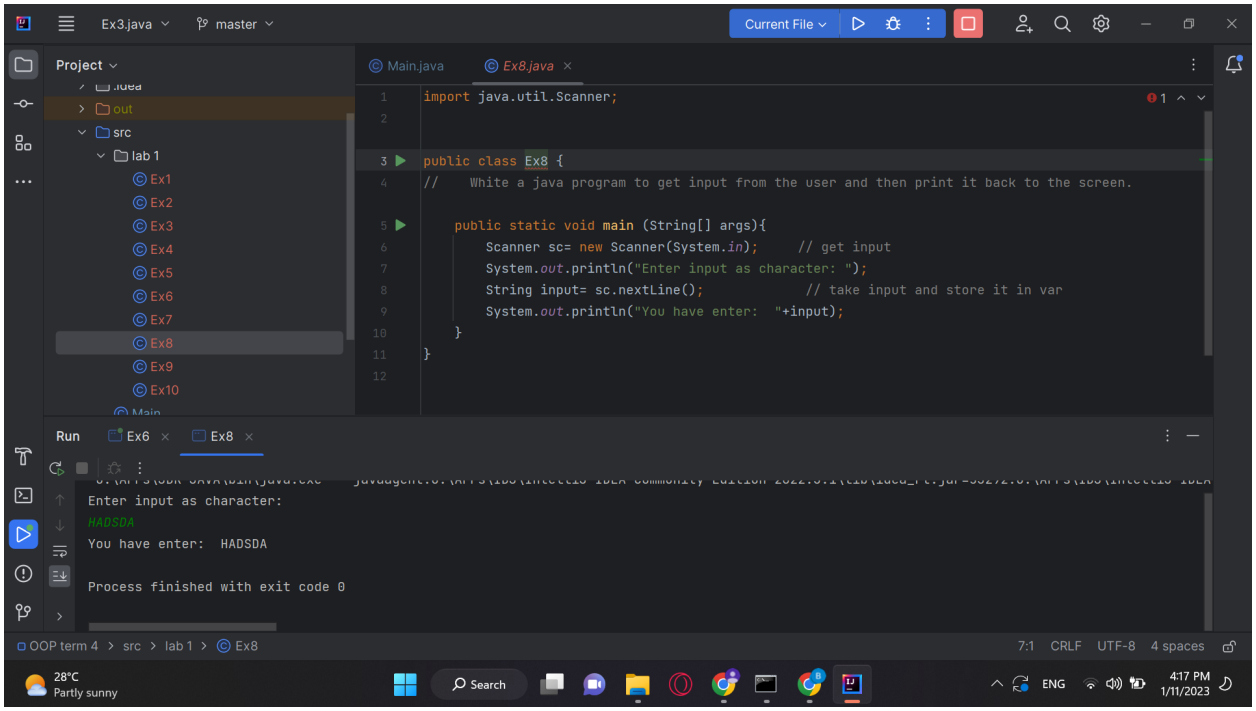
EX:6


Ex3.java
master
Current File
Project
Main.java
Ex6.java
out
src
lab 1
Ex1
Ex2
Ex3
Ex4
Ex5
Ex6
Ex7
Ex8
Ex9
Ex10
import java.util.Scanner;
public class Ex6 {
public static void main(String[] args){
// White a java program to get Input for 2 numbers from the user then sum them and
//print screen.
Scanner sc= new Scanner(System.in); //System.in is a standard input stream
System.out.println("Enter number 1: ");
int num1=sc.nextInt();
System.out.println("Enter number 2: ");
int num2=sc.nextInt();
int sum=num1+num2;
System.out.println("Sum: "+sum);
Run
"G:\APPs\JDK JAVA\bin\java.exe" "-javaagent:G:\APPs\IDJ\IntelliJ IDEA Community Edition 2022.3.1\lib\idea_rt.jar=53206:G:\APPs\IDJ\IntelliJ IDEA
Enter number 1:
10
Enter number 2:
20
Sum: 30
Process finished with exit code 0
OOP term 4 > src > lab 1 > Ex6
9:1 CRLF UTF-8 4 spaces
28°C
Partly sunny
Search
ENG
4:15 PM
1/11/2023

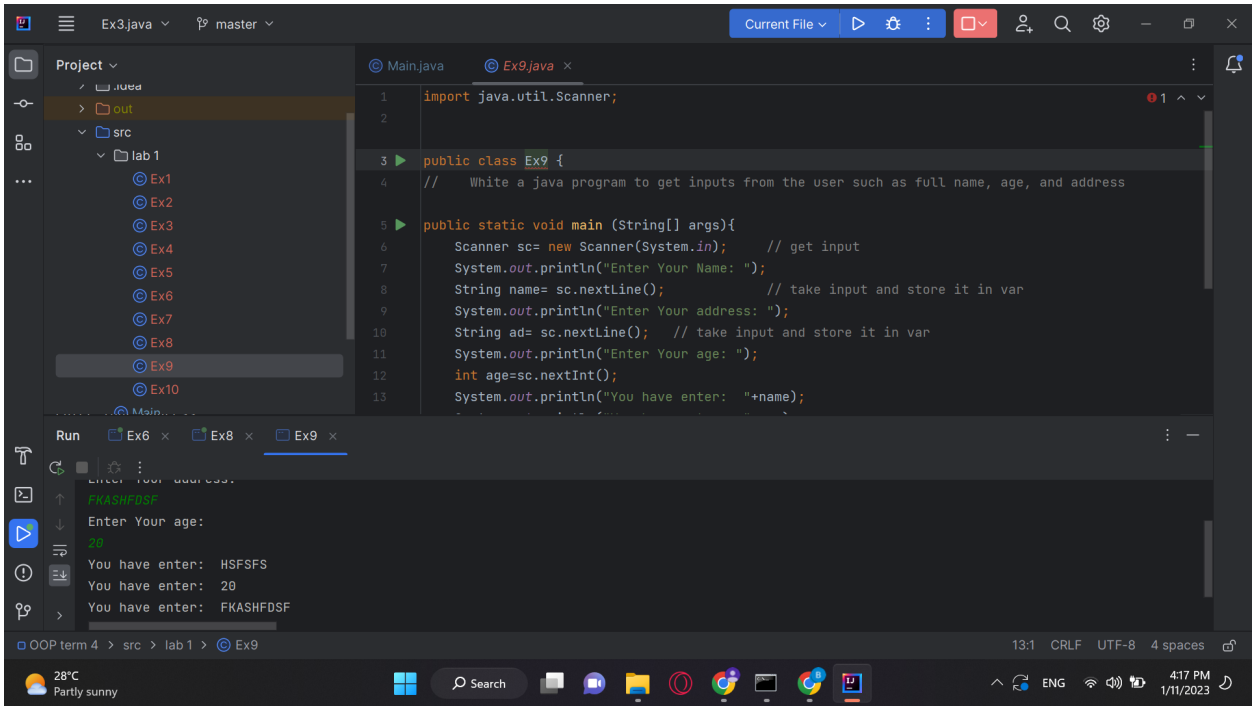
EX:7


Ex3.java
master
Current File
Project
Main.java
Ex7.java
out
src
lab 1
Ex1
Ex2
Ex3
Ex4
Ex5
Ex6
Ex7
Ex8
Ex9
Ex10
public class Ex7 {
public static void main(String[] args){
// Write a Java program to swap two variables x and y
int x=10;
int y= 20;
System.out.println("Before Swapping : ");
System.out.println(x);
System.out.println(y);
int temp;
temp=x;
x=y;
y=temp;
System.out.println("After Swapping : ");
Run
Ex6
Ex7
20
After Swapping :
20
10
Process finished with exit code 0
OOP term 4 > src > lab 1 > Ex7
1:14
CRLF
UTF-8
4 spaces
28°C
Partly sunny
Search
ENG
4:15 PM
1/11/2023

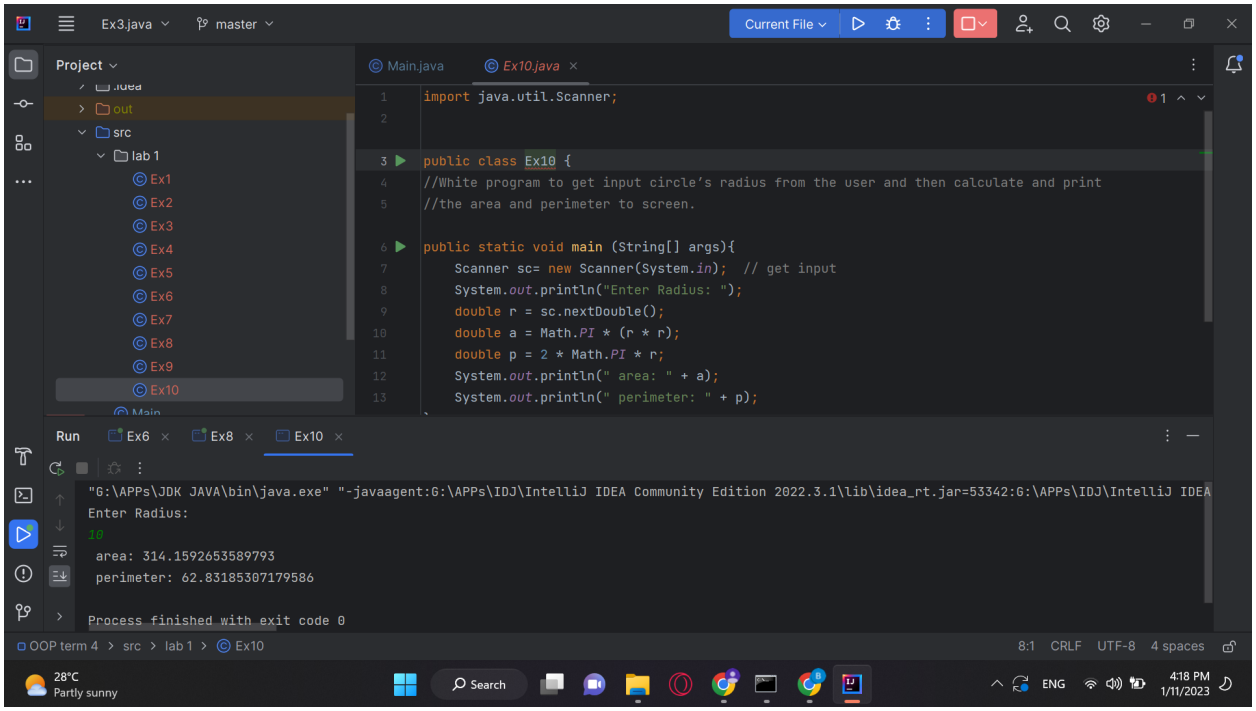
EX:8


Ex3.java
master
Current File
Project
Main.java
Ex8.java
out
src
lab 1
Ex1
Ex2
Ex3
Ex4
Ex5
Ex6
Ex7
Ex8
Ex9
Ex10
import java.util.Scanner;
public class Ex8 {
// White a java program to get input from the user and then print it back to the screen.
public static void main (String[] args){
Scanner sc= new Scanner(System.in); // get input
System.out.println("Enter input as character: ");
String input= sc.nextLine(); // take input and store it in var
System.out.println("You have enter: "+input);
}
}
Run
Ex6
Ex8
Enter input as character:
HADSDA
You have enter: HADSDA
Process finished with exit code 0
OOP term 4 > src > lab 1 > Ex8
7:1
CRLF
UTF-8
4 spaces
28°C
Partly sunny
Search
ENG
4:17 PM
1/11/2023

EX:9


Ex3.java
master
Current File
Project
out
src
lab 1
Ex1
Ex2
Ex3
Ex4
Ex5
Ex6
Ex7
Ex8
Ex9
Ex10
Main.java
Ex9.java
import java.util.Scanner;
public class Ex9 {
// White a java program to get inputs from the user such as full name, age, and address
public static void main (String[] args){
Scanner sc= new Scanner(System.in); // get input
System.out.println("Enter Your Name: ");
String name= sc.nextLine(); // take input and store it in var
System.out.println("Enter Your address: ");
String ad= sc.nextLine(); // take input and store it in var
System.out.println("Enter Your age: ");
int age=sc.nextInt();
System.out.println("You have enter: "+name);
Run
Ex6
Ex8
Ex9
FKASHFDSF
Enter Your age:
20
You have enter: HSFSFS
You have enter: 20
You have enter: FKASHFDSF
OOP term 4 > src > lab 1 > Ex9
13:1 CRLF UTF-8 4 spaces
28°C
Partly sunny
Search
ENG
4:17 PM
1/11/2023

EX:10


Ex3.java
master
Current File
Project
out
src
lab 1
Ex1
Ex2
Ex3
Ex4
Ex5
Ex6
Ex7
Ex8
Ex9
Ex10
Main.java
Ex10.java
import java.util.Scanner;
public class Ex10 {
//White program to get input circle's radius from the user and then calculate and print
//the area and perimeter to screen.
public static void main (String[] args){
Scanner sc= new Scanner(System.in); // get input
System.out.println("Enter Radius: ");
double r = sc.nextDouble();
double a = Math.PI * (r * r);
double p = 2 * Math.PI * r;
System.out.println(" area: " + a);
System.out.println(" perimeter: " + p);
Run
Ex6
Ex8
Ex10
"G:\APPs\JDK JAVA\bin\java.exe" "-javaagent:G:\APPs\IDJ\IntelliJ IDEA Community Edition 2022.3.1\lib\idea_rt.jar=53342:G:\APPs\IDJ\IntelliJ IDEA
Enter Radius:
10
area: 314.1592653589793
perimeter: 62.83185307179586
Process finished with exit code 0
OOP term 4 > src > lab 1 > Ex10
8:1 CRLF UTF-8 4 spaces
28°C
Partly sunny
Search
ENG
4:18 PM
1/11/2023