# Task 1

**import** java.util.Scanner;

**public** **class** Output {

**public** **static** **void** main(String[] args) {

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

**int** num;

System.***out***.print("enter integer");

num = input.nextInt();

input.close();

}

}

# Task 2

**import** java.util.Scanner;

**public** **class** Display {

**public** **static** **void** main(String[] args) {

Scanner display = **new** Scanner(System.***in***);

System.***out***.println("Enter first integer: ");

**int** num1 = display.nextInt();

System.***out***.println(num1);

display.close();

}

}

# Task 3

**import** java.util.Scanner;

**public** **class** RectangleProgram {

**public** **static** **void** main(String[] args) {

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

System.***out***.print("Enter the length of the small box: ");

**int** lengthSmall = input.nextInt();

System.***out***.print("Enter the width of the small box: ");

**int** widthSmall = input.nextInt();

System.***out***.print("Enter the length of the large box: ");

**int** lengthBig = input.nextInt();

System.***out***.print("Enter the width of the large box: ");

**int** widthBig = input.nextInt();

**int** areaLeft;

**int** areaBig;

**int** areaSmall;

areaBig =lengthBig\*widthBig;

areaSmall = lengthSmall\*widthSmall;

areaLeft = areaBig-areaSmall;

System.***out***.printf ("The area remaining is %d\n", areaLeft);

input.close();

}

}

## Task 4

|  |  |  |  |
| --- | --- | --- | --- |
| Input | Expected Output | Actual Output | Description |
|  |  |  |  |