Program3

**package** com.hcl.assign1;

**import** java.util.Scanner;

/\*\*

\* This program defines the usage of variable scope

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**public** **class** Volume { // main class

**static** **int** *width* = 5; // static width(class level scope)

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

// **TODO** Auto-generated method stub

**int** length; // method level variable scope

Scanner sc = **new** Scanner(System.***in***); // scanner statement

System.***out***.println("Enter length : ");// printng input length

length = sc.nextInt();

System.***out***.println("Enter n value");// read n value from user

**int** n = sc.nextInt();

System.***out***.println("Volume of Cuboid of different breadth values");

**for** (**int** breadth = 5; breadth <= n; breadth++)// for loop scope

{

**int** volume = length \* breadth \* *width*; // calculate volume

System.***out***.println("Volume of Cuboid : " + volume + " where breadth is " + breadth);// printing volume for

// given breadth

}

}

}

Output :

