**import** java.util.Scanner;

**public** **class** ArrayDemo2 {

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

**int**[] arr= {1,2,3,4,5,6,7,8,9};

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

**while**(**true**) {

System.***out***.println("Please enter value of l:");

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

System.***out***.println("Please enter value of r:");

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

System.***out***.println("Result:"+ArrayDemo2.*sumRange*(arr, l, r));

}

}

**public** **static** **int** sumRange(**int**[] arr, **int** l, **int** j) {

**int** sum=0;

**for**(**int** i= l; i<= j; i++) {

sum += arr[i];

}

**return** sum;

}

}