

Test

Write a do-while loop that asks the user to enter two numbers. The numbers should be added and the sum displayed. The loop should ask the user whether he or she wishes to perform the operation again. If so, the loop should repeat; otherwise it should terminate.

Code

```
package javafiles;
import java.util.Scanner;
public class AddNumbers {
    public static void main(String[] args) {
        Scanner in = new Scanner(System.in);
        int sum = 0;
        char op;
        do{
            System.out.println("Enter two numbers");
            int num1= in.nextInt();
            int num2 = in.nextInt();
            sum = sum+num1+num2;
            System.out.println("Do you wish to perform another operation, Y/N");
            op =in.next().charAt(0);
        }while(op == 'Y' || op=='y');
        System.out.println("sum "+sum);
    }
}
```

Output:

```
Enter two numbers
10
20
Do you wish to perform another operation, Y/N
N
sum 30
```

```
Enter two numbers
15
35
Do you wish to perform another operation, Y/N
Y
Enter two numbers
40
20
Do you wish to perform another operation, Y/N
N
sum 110
```