

Amigment 5 : Series sum

```
import java.util.Scanner;
```

```
public class SeriesSum2
```

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

```
{  
    Scanner scanner = new Scanner (System.in);
```

```
    System.out.print("Enter the total number of you  
    want to sum: ");
```

```
    int N = scanner.nextInt();
```

```
    for (int i = 1; i <= N; i++)
```

```
{  
        System.out.print("Enter " + i + "th number.
```

```
int n = scanner.nextInt();
```

```
    StringBuilder series = new StringBuilder();
```

```
    for (int j = 1; j <= n; j++)
```

```
{  
        series.append(j)
```

```
        if (j < n)
```

```
            series.append(" + ");
```

```
}
```



```
int sum = n * (n + 1) / 2;
```

```
System.out.println("Series + " + sum);
```

```
}
```

```
Scanner.close();
```

```
}
```

```
}
```

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