

Name:

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Assignment: Test Answer: Series Sum

The Code:
~~~~~

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

```
public class SeriesSum {
```

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

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

```
        System.out.print("How many times you want to try: ");
```

```
        int t = input.nextInt();
```

```
        for (int i = 1; i <= t; i++) {
```

```
            System.out.print("Enter number for case " + i + ": ");
```

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

```
            System.out.print("Series: ");
```

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

```
    System.out.print(j);
```

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

```
        System.out.print(" ");
```

```
    }
```

```
}
```

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

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

```
System.out.println("-----");
```

```
}
```

```
input.close();
```

```
}
```

```
}
```

```
System.out.print(" ");
```



Output:  
~~~~~

How many times you want to try: 2

Enter number for case 1: 5

Series : $1+2+3+4+5 = 15$

Enter number for case 2: 6

Series : $1+2+3+4+5+6 = 21$
