Calculate Hotel Stay Price.

A hotel booking site wish to calculate **price** for its guest duration of stay.

**Tax and Service Fees:**

* GST:18%
* Service Fees: 3%

Calculation:

Price = (Length of Stay) \* (Number of Room) \* (Room Rate)

Final Price = (Price) + (All Applicable Tax)

Example:

* **Check In Date:** 30-Dec-2020
* **Check out Date:** 02-Jan-2021
* **No of Rooms:** 2
* **Room Type:** Deluxe Room
* **Rate:** 3400/pernight/perroom

Price = 3 \* 2 \* 3400

= 20400

Final Price = 20400 + (18% of 20400) + (03% of 20400)

= 24684

Variable Tax and Service Fees.

|  |  |  |
| --- | --- | --- |
| **Hotel Rating(Star)** | **GST(%)** | **Service Fees(%)** |
| 2 | 12 | 3 |
| 3 | 18 | 5 |
| 5 | 28 | 6 |

Multiple Applicable Tax and Service Fees.

|  |  |  |  |
| --- | --- | --- | --- |
| **Hotel Rating(Star)** | **GST(%)** | **State Tax(%)** | **Service Fees(%)** |
| 2 | 12 | NA | 3 |
| 3 | 18 | NA | 5 |
| 5 | 28 | 3 | 6 |