

You are responsible to come up with the cash forecasts for IULI Hotel & Suites, starting from Wednesday, October 17 to Tuesday, October 23. The following table portrays the predicted room sales over 14-day period.

<b>14-day Forecast Report</b>	<b>Wed, Oct 10</b>	<b>Thurs, Oct 11</b>	<b>Fri, Oct 12</b>	<b>Sat, Oct 13</b>	<b>Sun, Oct 14</b>	<b>Mon, Oct 15</b>	<b>Tues, Oct 16</b>	<b>Wed, Oct 17</b>	<b>Thurs, Oct 18</b>	<b>Fri, Oct 19</b>	<b>Sat, Oct 20</b>	<b>Sun, Oct 21</b>	<b>Mon, Oct 22</b>	<b>Tues, Oct 23</b>
Deluxe rooms	50	50	40	50	50	20	15	17	38	50	50	50	1	10
Superior rooms	50	50	40	42	20	10	28	30	40	50	50	50	1	5
Junior Suite rooms	40	40	35	32	30	35	25	40	40	40	40	40	1	12
Suite rooms	10	10	10	10	10	10	10	10	10	10	10	10	1	0

IULI Hotel & Suites has 150 rooms, and you are given the following rooms available for rent;

- Deluxe (original published rate of US\$375/night), for a total of 50 rooms.
- Superior (original published rate of US\$425/night), for a total of 50 rooms.
- Junior Suite (original published rate of US\$650/night), for a total of 40 rooms.
- Suite (original published rate of US\$800/night), for a total of 10 rooms.

During the low seasons, the hotel management has agreed to **mark-down** the base price of each room as follows;

- Deluxe rooms are **marked-down** by 15%
- Superior rooms are **marked-down** by 20%
- Junior Suite rooms are **marked-down** by 25%
- Suite rooms are **marked-down** by 30%

Each room is subject to 21% tax bracket, which consists of 10% sales tax, and 11% accommodation/leisure tax.