Test Cases

ID	Selected Inputs	Description of Test Cases	Actual Output	Expected Output	Passed?
		Invalid Check			
1	Duration: 0 Location: e	Tests if the method **bill**(duration, location) throws an exception message of **"Invalid Integer"** when duration is less than the minimum (min = 1)	Exception message **"Invalid Integer"**	Exception message **"Invalid Integer"**	Yes
2	Duration: 0 Location: d	Tests if the method **bill**(duration, location) throws an exception message of **"Invalid Integer"** when duration is less than the minimum (min = 1)	Exception message **"Invalid Integer"**	Exception message **"Invalid Integer"**	Yes
3	Duration: 0 Location: o	Tests if the method **bill**(duration, location) throws an exception message of **"Invalid Integer"** when duration is less than the minimum (min = 1)	Exception message **"Invalid Integer"**	Exception message **"Invalid Integer"**	Yes
4	Duration: 0 Location: z	Tests if the method **bill**(duration, location) throws an exception message of **"Invalid location"** when location is not among the given options of **e**, **o** or **d**. Here, duration is invalid too but location validity is checked first in the method.	Exception message **"Invalid location"**	Exception message **"Invalid location"**	Yes
5	Duration: 10 Location: z	Tests if the method **bill**(duration, location) throws an exception message of **"Invalid location"** when location is not among the given options of **e**, **o** or **d**	Exception message **"Invalid location"**	Exception message **"Invalid location"**	Yes
6	Duration: 30 Location: z	Tests if the method **bill**(duration, location) throws an exception message of **"Invalid location"** when location is not among the given options of **e**, **o** or **d**	Exception message **"Invalid location"**	Exception message **"Invalid location"**	Yes
7	Duration: 70 Location: z	Tests if the method **bill**(duration, location) throws an exception message of **"Invalid location"** when location is not among the given options of **e**, **o** or **d**. Here, duration is invalid too but location validity is checked first in the method.	Exception message **"Invalid location"**	Exception message **"Invalid location"**	Yes
8	Duration: 70 Location: o	Tests if the method **bill**(duration, location) throws an exception message of **"Invalid Integer"** when duration is more than the maximum (max = 60)	Exception message **"Invalid Integer"**	Exception message **"Invalid Integer"**	Yes
9	Duration: 70 Location: d	Tests if the method **bill**(duration, location) throws an exception message of **"Invalid Integer"** when duration is more than the maximum (max = 60)	Exception message **"Invalid Integer"**	Exception message **"Invalid Integer"**	Yes
10	Duration: 70 Location: e	Tests if the method **bill**(duration, location) throws an exception message of **"Invalid Integer"** when duration is more than the maximum (max = 60)	Exception message **"Invalid Integer"**	Exception message **"Invalid Integer"**	Yes
		Valid Check			
11	Duration: 10 Location: o	Tests the method **bill**(duration, location) for values in the first partition that is **[1, 20]** and valid location	5	5	Yes
12	Duration: 10 Location: d	Tests the method **bill**(duration, location) for values in the first partition that is **[1, 20]** and valid location	0.5	0.5	Yes
13	Duration: 10 Location: e	Tests the method **bill**(duration, location) for values in the first partition that is **[1, 20]** and valid location	1	1	Yes
14	Duration: 30 Location: o	Tests the method **bill**(duration, location) for values in the second partition that is **(20, 60]** and valid location	20	20	Yes
15	Duration: 30 Location: d	Tests the method **bill**(duration, location) for values in the second partition that is **(20, 60]** and valid location	2	2	Yes
16	Duration: 30 Location: e	Tests the method **bill**(duration, location) for values in the second partition that is **(20, 60]** and valid location	7	7	Yes