

Python Problems for Skywalker Aryan

Jan 10, 2015

Create a program called **rectangle.py**. It takes two numbers as user input, and prints an ASCII rectangle. Sample run:

```
$python3 rectangle.py
Enter width: 3
Enter height: 4
```

```
***
***
***
***
```

Jan 12, 2015

Write a program called **countdown.py**. It takes any number as input, starts counting down to zero, and ends with a BOOM. Sample run:

```
$python3 countdown.py
Enter number: 11
```

```
11
10
...
0
BOOM!
```

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Create a program called **lightyear.py**. It takes distance in **light years** as input, and converts the distance to **kilometers**. (Speed of light = 300000000 meters/s)
Sample Run:

```
$python3 lightyear.py
Enter Distance in Light Years: 4.24
Distance: 40113000000000 kilometers
```