

Homework Assignment 6

Instructions:

File name must be: HW6_yourName

For example: Michael will name the python file of homework assignment 6 as **HW6_Michael.py**

Grading Rubric:

Code running and as per the required conditions and giving expected output = 10 points

File named as per instructions = 1 point

Comments in code = 4 points

Problem: Debug the code and run it

Along with this file, there is another file named HW6.py in D2L. Download the file and rename the file as per the instructions. The python file has a buggy code to find the factors of positive number by user. Debug the code and run it.

Expected Output:

```
Enter a number to find its factors:6
Factors of 6 are: [1, 2, 3, 6]
```

```
Enter a number to find its factors:20
Factors of 20 are: [1, 2, 4, 5, 10, 20]
```