

Create a command line program that asks you for:

Product, Maximum Quantity

It will then ask you for the marginal utility at each point.

Output as a line graph.

```
>> marginal_utility.exe
```

```
>> Please enter a product
```

```
>> Donuts
```

```
>> Please enter the maximum quantity
```

```
>> 6
```

```
>> For 1 donut what added happiness do you get?
```

```
>> 10
```

```
>> For 2 donut what added happiness do you get?
```

```
>> 8
```

```
>> For 3 donut what added happiness do you get?
```

```
>> 5
```

```
>> For 4 donut what added happiness do you get?
```

```
>> 0
```

```
>> For 5 donut what added happiness do you get?
```

```
>> -6
```

```
>> For 6 donut what added happiness do you get?
```

```
>> -20
```

The program then outputs a line graph that plots the donuts versus the utility.