

Question: Create python functions for exponentiation, square root, and factorial.

Simple Shopping List

Create functions for the following,

- 1.Create an Empty Shopping List:
 - Make a new shopping list.
- 2.Add Items:
 - Use a function to add items to the list.
- 3.Remove Items:
 - Write a function to delete a chosen item.

Use <https://fakestoreapi.com/products?limit=5> to fetch products.



The screenshot shows a terminal window with the following content:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL FOCUS
PS C:\Users\Virtual\Documents\upcode\PYTHON\Programs> python assessment2.py
Shopping List:
['Fjallraven - Foldsack No. 1 Backpack, Fits 15 Laptops', 'Men's Casual Premium Slim Fit T-Shirts', 'Men's Cotton Jacket', 'Men's Casual Slim Fit', "John Hardy Men's Legends Naga Gold & Silver Dragon Station Chain Bracelet"]
After Removing:
['Men's Casual Premium Slim Fit t-shirts', 'Men's Cotton Jacket', 'Men's Casual Slim Fit', "John Hardy Men's Legends Naga Gold & Silver Dragon Station Chain bracelet"]
PS C:\Users\Virtual\Documents\upcode\PYTHON\Programs>
```

The terminal window has tabs at the top: PROBLEMS, OUTPUT, DEBUG, CONSOLE, TERMINAL, and FOCUS. The title bar shows the file name as "assessment2.py". The command "python assessment2.py" is run, followed by the output of the shopping list. Then, the command "After Removing:" is run, followed by the modified list where one item has been removed. The prompt "PS C:\Users\Virtual\Documents\upcode\PYTHON\Programs>" appears again at the bottom.