```python
In [94]: def itfruit():
             fruits=["Apple","Banana","Apricot","Atemoya","Avocados","Blueberry","Blackcu
             fruits.sort()
             n=int(len(fruits)-1)
             for n in fruits:
                     print(n)
```

```python
In [95]: def menu():
             num=int(input("Enter the number"))
             if(num%2==0):
                 print("The number",num," is even")
             else:
                 print("The number",num,"is odd")
             itfruit()
```

```python
In [96]: def login():
             Un=input("enter user name")
             Pd=input("enter the password")
             for u in Users:
                 if Un==u[0]:
                     if Pd==u[1]:
                         print("Login sucessful")
                         menu()
                     else:
                         print("Invalid credentials")
```

```python
In [97]: Users=[['User1','Pass1'],['User2','Pass2'],['User3','Pass3'],['User4','Pass4']]
```

```python
In [98]: username = login()
```

```
enter user nameUser3
enter the passwordPass3
Login sucessful
Enter the number44
The number 44  is even
Ackee
Apple
Apricot
Atemoya
Avocados
Banana
Black sapote
Blackcurrant
Blueberry
Buddha's hand fruit
Cantaloupe
Cape gooseberry
Carambola
Chempedak
Cherimoya
Cherry
Chocolate pudding fruit
Coconut
```

Cranberry
Custard apple
Dates
Dragon fruit
Dragonrfruit
Durian
Egg fruit
Feijoa
Fig
Finger Lime
Fuyu Persimmon
Gooseberries
Grapefruit
Guava
Guavasteen
Hazelnut
Hog Plum
Honeyberries
Honeydew melon
Horned Melon
Ice Apple
Inca berry
Indian Fig
Jackfruit
Jenipapo
Jujube
Kabosu
Kaffir lime
Kiwano
Kiwi
Langsat
Lime
Longan
Lucuma
Lychee
Makrut Lime
Mango
Mangosteen
Medlar fruit
Mouse melon
Mouse melon
Mulberry
Muskmelon
Nance
Naranjilla
Nectarine
Noni fruit
Noni fruit
Olive
Olive
Oranges
Oranges
Papaya
Papaya
Passion fruit
Peach
Peach
Pear
Physalis
Pineapple
Pineapple guava
Pomegranate
Quince

```
Rambutan
Ramphal
Ramphal
Raspberries
Rose apple
Rose apple
Salak
Sapota
Snake fruit
Soursop
Star apple
Starfruit
Strawberries
Sugar apple
Sweetsop
Tangerine
Water apple
Water apple
Watermelon
```

In [ ]: