

الدرس دا برضو تدريب عملي على استخدام ال while loop، المثال عبارة عن اني بعمل simple Bookmark يعني زى قائمة مفضله كدا بضيف فيها المواقع المفضله بتاعتي، بييجي للمستخدم input بيطلب منه انه يدخل موقع وبعدها ال input ييجى تانى لحد خمس مرات (لحد م ال loop تخلص) بحيث انه مسموحله باقصى عدد للمواقع المفضله تكون 5 مواقع وكل موقع بيتاخذ من ال input بيتضاف جوا list، وبعد كدا بيعمل جزء بيعمل check هل ال list مليانه ولا لا.

```
# -----
# -- Loop => While Training --
# -- Simple Bookmark Manage --
# -----

# Empty List To Fill Later
myFavouriteWebs = []

# Maximum Allowed Websites
maximumWebs = 5

while maximumWebs > 0:

    # Input The New Website
    web = input("Website Name Without https:// ")

    # Add The New Website To The List
    myFavouriteWebs.append(f"https://{web.strip().lower()}")

    # Decrease One Number From Allowed Websites
    maximumWebs -= 1 # maximumWebs = maximumWebs - 1

    # Print The Add Message
    print(f"Website Added, {maximumWebs} Places Left")

    # Print The List
    print(myFavouriteWebs)

else:

    print("Bookmark Is Full, You Cant Add More")

# Check If List Is Not Empty
if len(myFavouriteWebs) > 0:

    # Sort The List
    myFavouriteWebs.sort()

    index = 0

    print("Printing The List Of Websites in Your Bookmark")
```

```
while index < len(myFavouriteWebs):  
  
    print(myFavouriteWebs[index])  
  
    index += 1 # index = index + 1
```

## CODE

```
exe "c:/Users/Muhammad/Documents/Python Course/first.py"  
Website Name Without https:// instagram.com/muhammed_abusenna  
Website Added, 4 Places Left  
['https://instagram.com/muhammed_abusenna']  
Website Name Without https:// facebook.com/muhammed.abusenna  
Website Added, 3 Places Left  
['https://instagram.com/muhammed_abusenna', 'https://facebook.com/muhammed.abusenna']  
Website Name Without https:// google.com  
Website Added, 2 Places Left  
['https://instagram.com/muhammed_abusenna', 'https://facebook.com/muhammed.abusenna', 'https://google.com']  
Website Name Without https:// youtube.com  
Website Added, 1 Places Left  
['https://instagram.com/muhammed_abusenna', 'https://facebook.com/muhammed.abusenna', 'https://google.com', 'https://youtube.com']  
Website Name Without https:// elzero.org  
Website Added, 0 Places Left  
['https://instagram.com/muhammed_abusenna', 'https://facebook.com/muhammed.abusenna', 'https://google.com', 'https://youtube.com', 'https://elzero.org']  
Bookmark Is Full, You Cant Add More  
Printing The List Of Websites in Your Bookmark  
https://elzero.org  
https://facebook.com/muhammed.abusenna  
https://google.com  
https://instagram.com/muhammed_abusenna  
https://youtube.com
```

## OUTPUT