ASSIGNMENT 1 DAY 5

```
In [35]:  check_list=[1,1,5,7,9,6,4]
          sub_list=[1,1,5]
          print("original list : " +str(check_list))
          print("original sublist : " +str(sub_list))
          flag=0
          if (set(sub_list).issubset(set(check_list))):
           flag=1
          if (flag):
              print("its a match. ")
          else:
              print("its gone. ")
```

```
original list : [1, 1, 5, 7, 9, 6, 4]
original sublist : [1, 1, 5]
its a match.
```

ASSIGNMENT 2 DAY 5

```
In [51]:  def prime(n):
              if(n==1):
                  return False
              elif(n==2):
                  return True
              else:
                  for x in range(2,n):
                      if(n%x==0):
                          return False
                      return True
```

```
In [52]:  prime(2)
```

```
Out[52]:  True
```

```
In [53]:  prime(1)
```

```
Out[53]:  False
```

In [54]:
```python
lst=list(range(2500))
print(lst)
```

```
826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 84
1, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856,
857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 87
2, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887,
888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 90
3, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918,
919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 93
4, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949,
950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 96
5, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980,
981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 99
6, 997, 998, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009,
1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022,
1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035,
1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048,
1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1060, 1061,
1062, 1063, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1074,
1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087,
1088, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100,
1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113,
```

In [ ]:
```python
fltrobj=filter(prime,lst)
print(fltrobj)
```

ASSIGNMENT 3 DAY 5

In [57]:
```python
lst=('hi this is suma, i am from karnataka, glad to join letsupgrade')
```

In [58]:
```python
lst
```

Out[58]: 'hi this is suma, i am from karnataka, glad to join letsupgrade'

In [ ]:
```python
lst_num=map(lamda x: x.title(),lst)
```

In [ ]: