

```
#Levenshtein distance
```

```
import operator
```

```
def Compute(s, t):
```

```
    n, m = len(s), len(t)
```

```
    d = [[]]
```

```
    if (n == 0):
```

```
        return m
```

```
    if (m == 0):
```

```
        return n
```

```
    for i in range(n + 1): d.append([i])
```

```
    for j in range(m + 1): d[0].append(j)
```

```
    for i in range(1, n + 1):
```

```
        for j in range(1, m + 1):
```

```
            cost = 0 if (t[j - 1] == s[i - 1]) else 1
```

```
            d[i].append(min([d[i - 1][j] + 1,
```

```
                            d[i][j - 1] + 1,
```

```
                            d[i - 1][j - 1] + cost]))
```

```
    return d[n][m]
```

```
data = ["abcd", "abc", "abcde", "ab"]
```

```
pattern = "abcde"
```

```
letsee = {}
```

```
for d in data:
```

```
    letsee[d] = Compute(d, pattern)
```

```
for j in sorted(letsee.items(), key=operator.itemgetter(1)):
```

```
    print(j[0])
```