

Problem Statement:

Given a string, find its first non-repeating character.

NO_OF_CHARS=256

```
def getCharCountArray(string):
```

```
    count=[0]* NO_OF_CHARS
```

```
    for i in string:
```

```
        count[ord(i)]+=1
```

```
    return count
```

```
def firstNonRepeating(string):
```

```
    count= getCharCountArray(string)
```

```
    index=-1
```

```
    k=0
```

```
    for i in string:
```

```
        if count[ord(i)]==1:
```

```
            index=k
```

```
            break
```

```
        k+=1
```

```
    return index
```

```
string="jackforjack "
```

```
index= firstNonRepeating(string)
```

```
if index==1:
```

```
    print "Either all characters are repeating or string is empty"
```

```
else:
```

```
    print "First non-repeating character is "+string[index]
```

OUTPUT:

First non-repeating character is f