



Does this program have a bug? How to fix it?

```
def bucketsort(ccounts, k ):
```

```
    counts = [0] * k
```

```
    for x in ccounts :
```

```
        counts[x] += 1
```

```
    sorted_arr = []
```

```
    for i, count in enumerate(ccounts):
```

```
        sorted_arr.extend([i] * count )
```

```
    return sorted_arr
```



Yes, this program has a bug. The variable "ccounts" is used in the first line of the program, but it is not defined anywhere. To fix this bug, the variable "ccounts" should be defined and given a value.