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

```python
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.