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Language: a*(a+b)ab

```python
def FA(s):
    size = 0
    for i in s:
        if(i == 'a' or i == 'b'):
            size += 1
        else:
            return 'Rejected'

    if(size >= 3):
        if(s[size-3] == 'a' or s[size-3] == 'b'):
            if(s[size-2] == 'a'):
                if(s[size-1] == 'b'):
                    return 'Accepted'
                return 'Rejected'
            return 'Rejected'
        return 'Rejected'
    return 'Rejected'


strings = ['abab','aaab','b','abba']
for i in strings:
    print(i)
    print(FA(i))
    print()
```

Output:

```
PS C:\Users\adith\Documents\C Programs>  c:;
de\extensions\ms-python.python-2021.9.1246542
abab
Accepted

aaab
Accepted

b
Rejected

abba
Rejected

PS C:\Users\adith\Documents\C Programs> []
```