5-9-12

Dont audit

- 1. a. Linear because you can draw a straight line to seperate them
 - b. NuSVC because the pattern is circular so a polynomial would be better at predicting rather than a straight line

```
1. if (age < 30) and (student == no): no</li>
2. if (age < 30) and (student == yes): yes</li>
3. if (age >= 30 and age <= 40): yes</li>
4. if (age > 40) and (credit_rating == excellent): yes
5. if (age > 40) and (credit_rating == fair): no
3. a
    if (refund == yes):
    Dont audit
    else:
    if (95k >= taxable income >= 85k):
    audit
    else:
```