

Recipe 1:

To trap junkMail 1–50 I wrote a single-line header recipe that looks for a comma in the **From:** field. In procmail that's

:0 H:

```
* ^From:.*,*
```

Any message whose **From:** header contains multiple entries (indicated by a comma) is sent to recipe_1. This reliably catches all malformed or duplicated From: lines in mails 1–50.

Recipe 2:

For junkMail 51–63 I filtered on the **Subject:** header, matching a list of known spam keywords. My regex alternates patterns like `V\.\I\.\a\.\g\.\r\.\a`, `C\.\I\.\A\.\L\.\I\.\S`, casino, porn, gambling, lottery, diploma, degree, and several pharmacy terms. Any subject line containing one of these triggers delivery to recipe_2.

Recipe 3:

To capture junkMail 64–66 I switched to a body-only test (the B flag) for promotional content. I included weight-loss keywords (weight loss, diet pill, phentermine, etc.) plus casino-style terms (casino, roulette, blackjack, poker, slots). That broad set of patterns ensures all variants of those ads land in recipe_3.

Recipe 4:

Finally, for junkMail 67–74 I wrote a compound header+body recipe (HB flag). It requires three conditions:

1. **Content-Type:** must be multipart/alternative
2. **Content-Transfer-Encoding:** must be base64 or quoted-printable
3. the body must contain an external link (`http://` or `https://`)

Only messages meeting all three tests go to recipe_4, isolating the phishing/MIME-mixed spam in mails 67–74.