

```
1 x = 0
2 y = 0
3 z = 0
4
5 PalinDromes = [0]
6
7 answers = [0]
8
9 for x in range(1,10):
10     for y in range(0,10):
11         for z in range(0, 10):
12
13             tn = x +(10*y)+(100*z)+(1000*z)+(10000* y) + (
14                 100000 * x)
15
16             PalinDromes.append(tn)
17
18 for i in reversed(range(0,PalinDromes.__len__())):
19     for f in reversed(range(100,1000)):
20
21         if PalinDromes[i] % f == 0 and (PalinDromes[i] / f
22             )/ 100 > 0 and (PalinDromes[i] / f)/ 100 < 10:
23
24             answers.append(PalinDromes[i])
25
26 print(max(answers))
```