

```
EVENNUM, t_max, num_max = 1000, 0, 0 #EVENNUM is an even integer
```

```
for num in range(EVENNUM//4*2, EVENNUM+1, 2):
```

```
    t = 0
```

```
    for a in range(2, int(num/3.4142) + 1):
```

```
        if num*(num - 2*a) % (2*(num - a)) == 0:
```

```
            t += 1
```

```
            if t >= t_max: t_max, num_max = t, num
```

```
print "Maximum perimeter, num <=",EVENNUM,"is", num_max
```