from turtle import\*

import math

def lanternel(l=100):

left(90)

forward(l)

right(90)

forward(l)

right(90)

forward(l)

right(90)

forward(l)

right(135)

forward(l\*math.sqrt(2))

left(90)

fillcolor("red")

fill(True)

forward(l\*math.sqrt(2)/2)

left(90)

forward(l\*math.sqrt(2)/2)

fill(False)

left(90)

forward(l\*math.sqrt(2))

right(45)

lanternel(l=100)

ht()

exitonclick()