```
from turtle import *

screen = Screen()
screen.setup (800, 800)
screen.bgcolor ("sky blue")

dom = Turtle()
dom.shape("turtle")
dom.resizemode("auto")
dom.width(5)
dom.speed(3)

def Inputs():
    Items = ["house", "roof", "chimney", "window border", "inside of the house", "door"]
    Requests = []
    for Item in Items:
        Color = input("\nWhat color do you want the " + Item + "? ")
        Requests.append(Color)
    return Requests

def Grass():
    dom.penup()
    dom.goto(-400, -400)
    dom.pendown()
    dom.right(270)
    dom.pencolor("green")
    dom.fillcolor("green")
    dom.begin_fill()
    Forward = [100, 800, 100, 800]
    for move in range(4):
        dom.forward(Forward[move])
        dom.right(90)
    dom.end_fill()

def HAndRPen(N):
    y = [-295, 110]
    dom.penup()
    dom.goto(-295, y[N])
    dom.pendown()
    N = N + 1
    return N

def House(house):
    N = 0
```

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    N = HAndRPen(N)
    dom.right(90)
    dom.pencolor(house)
    dom.fillcolor(house)
    dom.begin_fill()
    Forward = [600, 400, 600, 400]
    for move in range(4):
        dom.forward(Forward[move])
        dom.left(90)
    dom.end_fill()
    return N

def Roof(N, roof):
    HAndRPen(N)
    dom.pencolor(roof)
    dom.fillcolor(roof)
    dom.forward(600)
    dom.begin_fill()
    Left = [140, 81]
    Forward = [400, 390]
    for n in range(2):
        dom.left(Left[n])
        dom.forward(Forward[n])
    dom.end_fill()

def Chimney(chimney):
    dom.penup()
    dom.goto(-225, 175)
    dom.pendown()
    dom.left(-130)
    dom.pencolor(chimney)
    dom.fillcolor(chimney)
    dom.begin_fill()
    Forward = [200, 100, 200, 100]
    for move in range(4):
        dom.forward(Forward[move])
        dom.right(90)
    dom.end_fill()

def WindowCords(c, Right):
    if c == 0 or c == 2:
        dom.right(Right)
        dom.forward(125)
        Right = Right - 90
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    if c == 1 or c == 3:
        dom.left(90)
        dom.forward(125)
    c = c + 1
    CandRightList = []
    CandRightList.append(c)
    CandRightList.append(Right)
    return CandRightList

def WindowPen(a, x, y):
    if a == 0 or a == 2:
        dom.penup()
        dom.goto(-225, y[a])
        dom.pendown()
    if a == 1 or a == 4:
        dom.penup()
        dom.goto(x[a],50)
        dom.pendown()
    if a == 3 or a == 5:
        dom.penup()
        dom.goto(100,y[a - 3])
        dom.pendown()
    a = a + 1
    return a

def Windows(WindowBorder, InsideHouse):
    c = 0
    Right = 180
    a = 0
    x = [0, -162.5, 0, 0, 162.5]
    y = [50, 0, -12.5]
    a = WindowPen(a, x, y)
    dom.pencolor(WindowBorder)
    dom.fillcolor(InsideHouse)
    dom.begin_fill()
    for move in range(4):
        dom.right(90)
        dom.forward(125)
    dom.end_fill()
    a = WindowPen(a, x, y)
    List1 = WindowCords(c, Right)
    a = WindowPen(a, x, y)
    List2 = WindowCords(List1[0], List1[1])
    a = WindowPen(a, x, y)
```

```
    dom.begin_fill()
    for move in range(4):
        dom.forward(125)
        dom.right(90)
    dom.end_fill()
    a = WindowPen(a, x, y)
    List3 = WindowCords(List2[0], List2[1])
    a = WindowPen(a, x, y)
    List4 = WindowCords(List3[0], List3[1])

def CircleForm(AK):
    dom.circle(5, 360, 1)
    dom.left(90)
    dom.begin_fill()
    if AK < 5:
        for move in range(20):
            dom.circle(10,20)
        dom.end_fill()
    else:
        r = 50
        dom.circle(r)
        dom.end_fill()

def Circles(AK):
    if AK == 0:
        dom.pencolor("goldenrod")
        dom.fillcolor("goldenrod")
    if AK < 5 and AK != 0:
        dom.pencolor("red")
        dom.fillcolor("red")
    CircleForm(AK)
    AK = AK + 1
    return AK

def ApplePen(AP, X, Y):
    dom.penup()
    dom.goto(X[AP], Y[AP])
    dom.pendown()
    AP = AP + 1
    return AP

def DoorPen(d, x, y):
    if d == 0 or d == 1:
        dom.penup()
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        dom.goto(x[d], y[d])
        dom.pendown()
    d = d + 1
    return d

def Door(door):
    d = 0
    x = [-45, 45]
    y = [-297.5, -222.5]
    AK = 0
    d = DoorPen(d, x, y)
    dom.pencolor(door)
    dom.fillcolor(door)
    dom.begin_fill()
    Forward = [100, 150, 100, 150]
    for move in range(4):
        dom.forward(Forward[move])
        dom.left(90)
    dom.end_fill()
    d = DoorPen(d, x, y)
    AK = Circles(AK)
    return AK

def TreePen(t, x, y):
    dom.penup()
    dom.goto(x[t], y[t])
    dom.pendown()
    t = t + 1
    return t

def Tree():
    t = 0
    x = [-347.5, -347.5]
    y = [-295, -15]
    t = TreePen(t, x, y)
    dom.pencolor("sienna")
    Right = [41, 157.5, 113, 112, 120, 127.5, 130]
    Forward = [400, 130, 100, 130, 100, 130, 100]
    dom.begin_fill()
    for n in range(4):
        if n == 1:
            dom.end_fill()
            dom.pencolor("forestgreen")
            dom.fillcolor("forestgreen")
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```
            dom.begin_fill()
        dom.right(Right[n])
        dom.forward(Forward[n])
    dom.end_fill()
    t = TreePen(t, x, y)
    dom.begin_fill()
    for n in range(4,7):
        dom.right(Right[n])
        dom.forward(Forward[n])
    dom.end_fill()

def Apples(AK):
    AP = 0
    X = [-350, -347.5, -347.5, -330]
    Y = [10, 50, -50, -70]
    for _ in range(4):
        AP = ApplePen(AP, X, Y)
        AK = Circles(AK)
    return AK

def Sun(AK):
    dom.pencolor("yellow")
    dom.fillcolor("yellow")
    X = [305, 230, 305, 305, 267.5]
    Y = [205, 280, 280, 280, 317.5]
    Right = [120, 90, 0, 0, 0]
    Forward = [170, 150, 106.1, 106.1, 0]
    Left = [0, 0, 45, 90, 0]
    Backward = [0, 0, 212.2, 212.2, 0]
    for n in range(5):
        dom.penup()
        dom.goto(X[n], Y[n])
        dom.pendown()
        dom.right(Right[n])
        dom.left(Left[n])
        dom.forward(Forward[n])
        dom.backward(Backward[n])
    Circles(AK)

Requests = Inputs()
Grass()
N = House(Requests[0])
Roof(N, Requests[1])
Chimney(Requests[2])
```

```
Windows(Requests[3], Requests[4])
AK = Door(Requests[5])
Tree()
AK = Apples(AK)
Sun(AK)
```