def heavier\_ball(balls):

a = sum(balls[:3])

b = sum(balls[3:6])

if a > b:

if balls[0] > balls[1]:

return 0

elif balls[1] > balls[2]:

return 1

else:

return 2

elif a < b:

if balls[3] > balls[4]:

return 3

elif balls[4] > balls[5]:

return 4

else:

return 5

else:

if balls[6] > balls[7]:

return 6

else:

return 7

balls = [10, 10, 10, 10, 10, 10, 10, 50]

index = heavier\_ball(balls)

print(f"The heavier ball is at index: {index}")