

Question Formation Is the man blowing out the candles on the cake in the image? What color is the cake? What color is the shirt? **Ouestion Answering** Yes. Black. Gravish green. **Sentence Transformation** The man is blowing out the candles on the cake in the image. The color of the cake is black. The color of the shirt is grayish green. Single Object's Evidence man 1: [0.001, 0.0, 0.749, 0.61] The man is blowing out the candles on the cake in the image. cake 1: [0.373, 0.418, 0.584, 0.73] The color of the cake is black. shirt 1: [0.052, 0.001, 0.656, 0.566] The color of the shirt is grayish green.

Single Object's Attributes

camera 1: [0.69, 0.616, 0.828, 0.792]

Is there a camera on the left side of the black cake? **Positional Relation Extraction** Object1:camera 1: [0.69, 0.616, 0.828, 0.792] Relation: left Object2:cake 1:[0.373, 0.418, 0.584, 0.73] **Question Answering** No. **Multiple Objects' Evidence** There is not a camera on the left side of the black cake.

Regeneration

{Entities}, {Single Object's Evidence},

{Multiple Objects' Evidence}, {Image}

Output

The image shows a man blowing out the candles

on a cake. The man is wearing a gravish

green shirt, and there is a camera on the right

{User Request}

side of the black cake.

Ouestion Formation

Multiple Objects' Attributes