**Texture synthesis:**



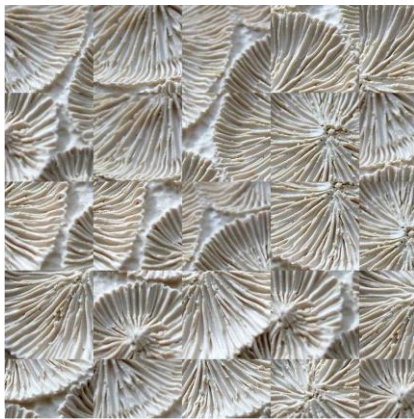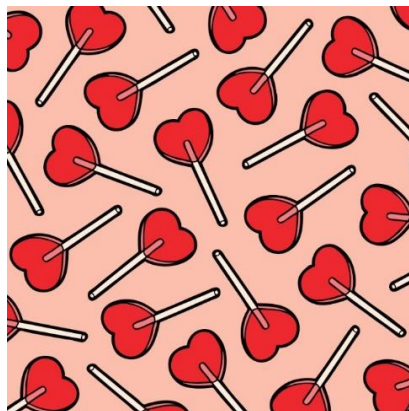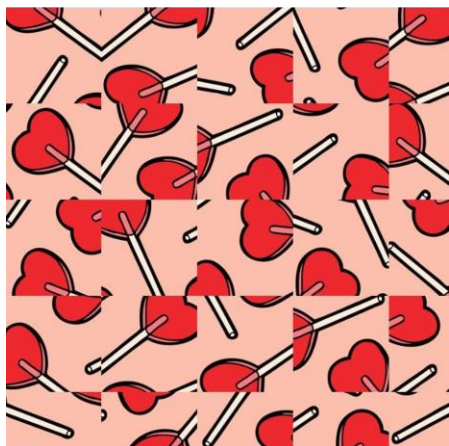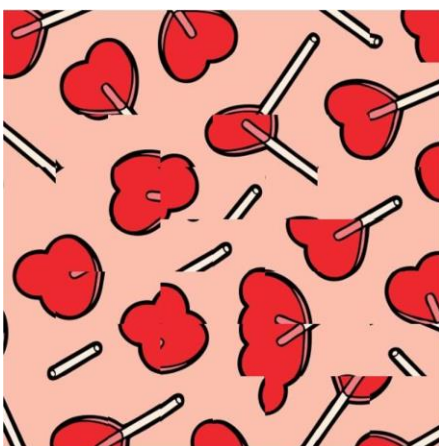Figure 1. Input sample texture



Figure 2. Random with no overlap    Figure 3. Overlap within 0.2 tolerance



Figure 1. Input sample texture

Figure 2. Random with no overlap



Figure 3. Overlap within 0.2 tolerance