Ex.No:	**Data Visualization using Pictograms**
Date:	

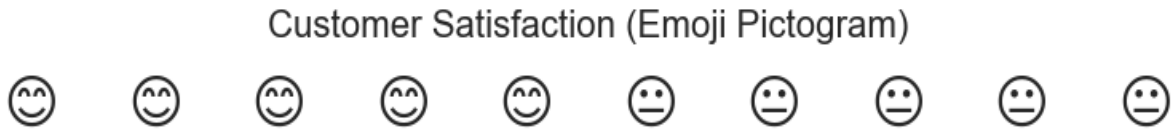
AIM:

ALGORITHM:

CODE:

```
import matplotlib.pyplot as plt
import matplotlib.font_manager as fm
import os

# Try setting emoji-supported font
emoji_font = None
possible_fonts = [
    "Apple Color Emoji",     # macOS
    "Segoe UI Emoji",        # Windows
    "Noto Color Emoji",      # Linux (Ubuntu with emoji support)
]

# Find a supported font on the system
for font_name in possible_fonts:
    try:
        emoji_font = fm.FontProperties(fname=fm.findfont(font_name))
        break
    except:
        continue

# Fallback if not found
if emoji_font is None:
    print("Emoji font not found, using default. Icons may not render.")

# Sample pictogram chart
fig, ax = plt.subplots(figsize=(10, 2))
ax.set_xlim(0, 10)
ax.set_ylim(0, 5)
ax.axis('off')

# Data
total = 10
happy = 5
unhappy = total - happy

for i in range(total):
    row = i // 10
    col = i % 10
    icon = '😊' if i < happy else '😐'
    ax.text(col + 0.5, 4 - row, icon, fontsize=24,
            fontproperties=emoji_font, ha='center', va='center')

plt.title("Customer Satisfaction (Emoji Pictogram)", fontsize=16)
plt.show()
```

OUTPUT:



RESULT: