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In [ ]: !pip3 install image-reward
!pip3 install clip
```

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In [ ]: import ImageReward as RM
model = RM.load("ImageReward-v1.0")

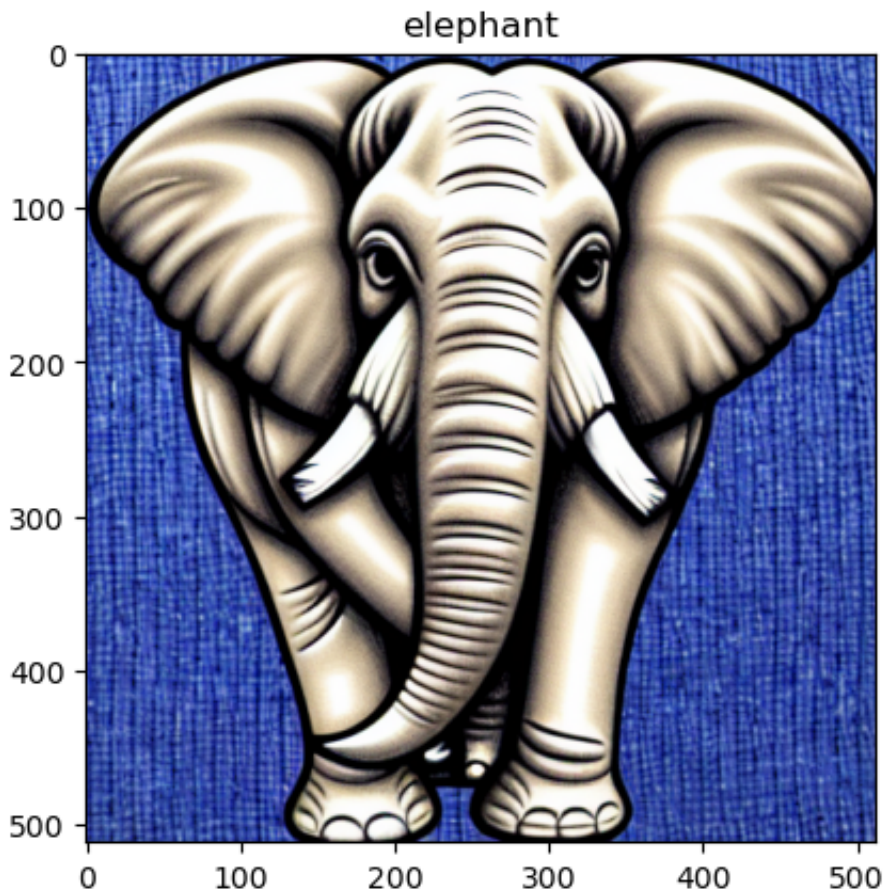
load checkpoint from /home/dipesh/.cache/ImageReward/ImageReward.pt
checkpoint loaded
```

```
In [ ]: # prompt: display image at img_paths

import matplotlib.pyplot as plt
import numpy as np
from PIL import Image

img_path = "elephant.png"

img = np.asarray(Image.open(img_path))
plt.imshow(img)
plt.title(img_path.split(".")[0])
plt.show()
```



```
In [ ]: prompts = ["elephant", "painting", "painting of an elephant", "green color"]

for prompt in prompts:
    reward = model.score(prompt, img_path)
    print(f"{prompt}: {reward}")
```

```
elephant: 1.0896693468093872
painting: -0.8962080478668213
painting of an elephant: 0.8199257850646973
green color: -2.2354960441589355
```

```
In [ ]: img_init = np.asarray(Image.open("frame_init.png"))
img_final = np.asarray(Image.open("frame_final.png"))

fig, ax = plt.subplots(1, 2, figsize=(10, 5))
ax[0].imshow(img_init)
ax[0].set_title("Initial Frame")
ax[1].imshow(img_final)
ax[1].set_title("Final Frame")
plt.show()
```