assignment_4_task1.py

Assignment 4 and task 1

This script manually inserts the rectangles to the people and moon. ID: U1610131 Name: Madiyor Abdukhashimov

importing opencv library - to be able to import opencv you need to install it using pip. The process of installation is provided in README.md

```python
import cv2
```

read the image from the `images/ directory`

```python
image = cv2.imread('images/moonphcamera.jpg')
```

place the red rectangle onto people.

```python
people_and_moon = cv2.rectangle(
    img=image,  # the image that we have loaded
    pt1=(72, 80),  # starting point for rectangle
    pt2=(208, 307),  # ending point for rectangle
    color=(0, 0, 255),  # the red color that we are sending
    thickness=3,  # the size for the line of rectangle
)
```

place the rectangle onto the Moon

```python
people_and_moon = cv2.rectangle(
    img=people_and_moon,  # the image that has moon and people
    pt1=(392, 126),  # the starting point for rectangle
    pt2=(432, 160),  # the ending poin for rectangle
    color=(0, 0, 0),  # the color of rectangle
    thickness=1,  # the size for the line of rectangle
)
```

display the image

```python
cv2.imshow('people_and_moon_selected', people_and_moon)
```

save the file

```python
cv2.imwrite('results/task1/people_and_moon_selected.jpeg', peo
```

wait 5 seconds

```python
cv2.waitKey(5000)
```