

Programming 1

1. Exercise

Write a Python program to print out a set containing all the colors from color_list_1 which are not present in color_list_2. The program gets the lists via commandline argument as:

"L:" "White" "Black" "Red" "L:" "Red" "Green"

est Data :

```
color_list_1 = set(["White", "Black", "Red"])
```

```
color_list_2 = set(["Red", "Green"])
```

Expected Output :

```
{'Black', 'White'}
```

2. Exercise

Write a python program which gets the n number and the name of the output file from the commandline argument and write a method to sum of the first n positive integers and write the whole equation into the file.

1+2+3+4+5=15

3. Exercise

Write a Python program which gets a big integer and the name of output file from the commandline argument and write a method to convert the seconds to day, hour, minutes and seconds.

4. Exercise

Write a Python program which gets a string from the commandline argument and write a function to count the number of occurrence of a specific character in a string.

5. Exercise

Write a Python program which gets a filename and a number from the commandline argument and write a method to generate a given number random integer from [0-100] interval and save them to the file and write a function to sum the numbers from the file.