

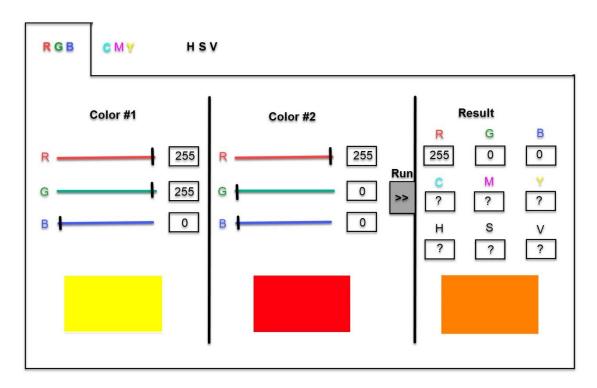
## **BIRZEIT UNIVERSITY**

Computer Science Department COMP3321 (First semester 2020/2021)

First Project (Color Models)

Due Date: 20/10/2020

Write a program to do the following tasks



## Task one

- 1) Given two RGB color range, your task is to find the new color that combines the two colors.
- 2) Convert the new RGB color to CMY color.
- 3) Convert the new RGB color to HSV color.

## **Task Two**

- 1) Given two CMY color range, your task is to find the new color that combines the two colors.
- 2) Convert the new CMY color to RGB color.
- 3) Convert the new CMY color to HSV color.

## Task three

- 1) Given two HSV color range, your task is to find the new color that combines the two colors.
- 2) Convert the new HSV color to RGB color.
- 3) Convert the new HSV color to CMY color.