Ashlyn Cooper

CPSC 1011-100 and CPSC 1010-002  
Lab06–Part2  
October 1, 2019  
Collaboration Statement: Erin Litzler, CPSC 1010-002

Declare functions

Function make pixel

Function make header

Function make image

Declare variables

Width

Country Code

Main function:

Prompt user for country they want to make

Scan and read integer input to country code

Prompt user for the width of the flag

Scan and read input to width.

Switch statement

Case 1 (Poland)

Call function for make image of Poland

Case 2 (Netherlands)

Call function for make image of Netherlands

Case 3 (Italy)

Call Function for make image of Netherlands

Default case

Print “Done!”

End of function

Make image Poland function:

Determine width

Call to make header (enters width and height)

For pixels in half of height

For pixels in width

Print white pixels

For pixels in 2nd half of height

For pixels in width

Print red pixels

Make image Netherlands function:

Determine width

Call to make header (enters width and height)

For pixels in third of height

For pixels in width

Print red pixels

For pixels in 2nd third of height

For pixels in width

Print white pixels

For pixels in final third of height

For pixels in width

Print blue pixels

Make image Italy function:

Determine width

Call to make header (enters width and height)

For pixels in height

For pixels in third of width

Print green pixels

For pixels in 2nd third of width

Print white pixels

For pixels in final third of width

Print blue pixels