

Autograder Results

Results

Code

Autograder Output (hidden from students)

```

gcc -Wall mainDriver.c getWidth.c writeHeader.c fillFlagArray.c writePixels.c -o lab9.out
mainDriver.c: In function 'main':
mainDriver.c:9:9: error: unknown type name 'header'; use 'struct' keyword to refer to the type
   9 |         header flag;
     |         ^~~~~~
     |         struct
mainDriver.c:10:13: error: request for member 'width' in something not a structure or union
  10 |         flag.width = getWidth();
     |         ^
mainDriver.c:11:13: error: request for member 'height' in something not a structure or union
  11 |         flag.height =(header1.width/2);
     |         ^
mainDriver.c:11:23: error: 'header1' undeclared (first use in this function); did you mean 'header'?
  11 |         flag.height =(header1.width/2);
     |                        ^~~~~~
     |                        header
mainDriver.c:11:23: note: each undeclared identifier is reported only once for each function it appears in
mainDriver.c:12:10: error: unknown type name 'pixle_t'
  12 |         pixle_t colors[h1.height*h1.width];
     |         ^~~~~~
mainDriver.c:12:25: error: 'h1' undeclared (first use in this function)
  12 |         pixle_t colors[h1.height*h1.width];
     |                        ^~
mainDriver.c:14:23: error: 'header' undeclared (first use in this function)
  14 |         h1 =(header){ "P3", width, height,255 };
     |                ^~~~~~
mainDriver.c:14:30: error: expected ';' before '{' token
  14 |         h1 =(header){ "P3", width, height,255 };
     |                ^
     |                ;

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mainDriver.c:17:34: error: 'pix' undeclared (first use in this function); did you mean 'pixel'?
   17 |             fillFlagArray ( pix, header1.width, header1.height);
       |                             ^~~
       |                             pixel
mainDriver.c:12:18: warning: unused variable 'colors' [-Wunused-variable]
   12 |         pixle_t colors[h1.height*h1.width];
       |             ^~~~~~
getWidth.c: In function 'getWidth':
getWidth.c:13:25: error: 'header1' undeclared (first use in this function); did you mean 'header'
   13 |         fscanf(stdin, "%d", &header1.width);
       |                             ^~~~~~
       |                             header
getWidth.c:13:25: note: each undeclared identifier is reported only once for each function it appears in
writeHeader.c:8:17: error: expected ')' before string constant
    8 |         fprintf(stderr, "\n\nMaking the flag with width %d & height %d ...",
       |                             ^~~~~~
       |                             )
writeHeader.c:10:19: error: expected ')' before string constant
   10 |         fprintf(stderr, "\n\n");
       |                             ^~~~~~
       |                             )
fillFlagArray.c: In function 'fillFlagArray':
fillFlagArray.c:11:23: error: 'h1' undeclared (first use in this function)
   11 |         for (i=0; i < h1.height; i++) {
       |                             ^~
fillFlagArray.c:11:23: note: each undeclared identifier is reported only once for each function it appears in
fillFlagArray.c:13:9: error: 'pix' undeclared (first use in this function)
   13 |         pix.red=0;
       |         ^~~
fillFlagArray.c:16:19: error: 'colors' undeclared (first use in this function)
   16 |         colors[k++]= pix;
       |         ^~~~~~
fillFlagArray.c:16:26: error: 'k' undeclared (first use in this function)
   16 |         colors[k++]= pix;
       |         ^
writePixels.c: In function 'writePixels':

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writePixels.c:9:26: error: 'h1' undeclared (first use in this function)
   9 |         for (int i=0; i<h1.height*h1.width; i++) {
     |                        ^~
writePixels.c:9:26: note: each undeclared identifier is reported only once for each function it a
writePixels.c:10:37: error: 'colors' undeclared (first use in this function)
   10 |         fprintf(stdout, "%d %d %d\n", colors[i].red, colors[i].green, colors[i].blue);
     |                                   ^~~~~~
make: *** [makefile:12: lab9.out] Error 1

```

0) Ensure all required files are present (0/0)

1) Clean compile (0/10)

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Test Failed: False is not true : mainDriver.c: In function 'main':
mainDriver.c:9:9: error: unknown type name 'header'; use 'struct' keyword to refer to the type
   9 |         header flag;
     |         ^~~~~~
     |         struct
mainDriver.c:10:13: error: request for member 'width' in something not a structure or union
   10 |         flag.width = getWidth();
     |         ^
mainDriver.c:11:13: error: request for member 'height' in something not a structure or union
   11 |         flag.height =(header1.width/2);
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   11 |         flag.height =(header1.width/2);
     |                        ^~~~~~
     |                        header
mainDriver.c:11:23: note: each undeclared identifier is reported only once for each function it a
mainDriver.c:12:10: error: unknown type name 'pixle_t'
   12 |         pixle_t colors[h1.height*h1.width];
     |         ^~~~~~
mainDriver.c:12:25: error: 'h1' undeclared (first use in this function)
   12 |         pixle_t colors[h1.height*h1.width];

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      |
      |          ^~
mainDriver.c:14:23: error: 'header' undeclared (first use in this function)
    14 |             h1 =(header){ "P3", width, height,255 };
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mainDriver.c:14:30: error: expected ';' before '{' token
    14 |             h1 =(header){ "P3", width, height,255 };
      |             ^
      |             ;
mainDriver.c:17:34: error: 'pix' undeclared (first use in this function); did you mean 'pixel'?
    17 |             fillFlagArray ( pix, header1.width, header1.height);
      |                             ^~~
      |                             pixel
mainDriver.c:12:18: warning: unused variable 'colors' [-Wunused-variable]
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getWidth.c: In function 'getWidth':
getWidth.c:13:25: error: 'header1' undeclared (first use in this function); did you mean 'header'
    13 |             fscanf(stdin, "%d", &header1.width);
      |                             ^~~~~~
      |                             header
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writeHeader.c:8:17: error: expected ')' before string constant
     8 |             fprintf(stderr, "\n\nMaking the flag with width %d & height %d ...",
      |                             ^~~~~~
      |                             )
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    10 |             fprintf(stderr, "\n\n");
      |                             ^~~~~~
      |                             )
fillFlagArray.c: In function 'fillFlagArray':
fillFlagArray.c:11:23: error: 'h1' undeclared (first use in this function)
    11 |             for (i=0; i < h1.height; i++) {
      |                             ^~
fillFlagArray.c:11:23: note: each undeclared identifier is reported only once for each function it appears in
fillFlagArray.c:13:9: error: 'pix' undeclared (first use in this function)
    13 |             pix.red=0;

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    |           ^~~
fillFlagArray.c:16:19: error: 'colors' undeclared (first use in this function)
   16 |             colors[k++] = pix;
    |             ^~~~~~
fillFlagArray.c:16:26: error: 'k' undeclared (first use in this function)
   16 |             colors[k++] = pix;
    |             ^
writePixels.c: In function 'writePixels':
writePixels.c:9:26: error: 'h1' undeclared (first use in this function)
    9 |         for (int i=0; i<h1.height*h1.width; i++) {
    |                     ^~
writePixels.c:9:26: note: each undeclared identifier is reported only once for each function it a
writePixels.c:10:37: error: 'colors' undeclared (first use in this function)
   10 |         fprintf(stdout, "%d %d %d\n", colors[i].red, colors[i].green, colors[i].blue);
    |                                     ^~~~~~
make: *** [makefile:12: lab9.out] Error 1

```

2) Check that PPM header information is correct (0/2.5)

Test Failed: False is not true : ["Your PPM image's header is too short, and cannot be used in au

3) Check that first pixel is correct (0/2.5)

Test Failed: False is not true : ["Your PPM image doesn't print any pixels, and can't be used in

4) Check that last pixel is correct (0/2.5)

Test Failed: False is not true : ["Your PPM image doesn't print any pixels, and can't be used in

5) Check that PPM image has correct number of pixels (0/2.5)

Test Failed: False is not true : ["Your PPM image doesn't print any pixels, and can't be used in

6) Check that PPM image with width 20 is created (0/5)

Test Failed: False is not true : ["Your PPM image doesn't print any pixels, and can't be used in

Lab 9A

● Graded

Student

Charles Robert Young

Total Points

70 / 95 pts

Autograder Score

0.0 / 25.0

Failed Tests

- 1) Clean compile (0/10)
- 2) Check that PPM header information is correct (0/2.5)
- 3) Check that first pixel is correct (0/2.5)
- 4) Check that last pixel is correct (0/2.5)
- 5) Check that PPM image has correct number of pixels (0/2.5)
- 6) Check that PPM image with width 20 is created (0/5)

Passed Tests

- 0) Ensure all required files are present (0/0)

Question 2

[mainDriver.c](#)

11 / 11 pts

Question 3

getWidth.c	11 / 11 pts
Question 4	
writeHeader.c	11 / 11 pts
Question 5	
fillFlagArray.c	11 / 11 pts
Question 6	
writePixels.c	11 / 11 pts
Question 7	
defs.h	10 / 10 pts
Question 8	
Header Comments	5 / 5 pts
8.1 Name	1 / 1 pt
8.2 Date	1 / 1 pt
8.3 Lab Section	1 / 1 pt
8.4 Lab Number	1 / 1 pt
8.5 Program Description	1 / 1 pt
Question 9	
Code Formatting	0 / 0 pts
Question 10	
Absence Penalty	0 / 0 pts