

Philip Pesic

Week 5

September 18 2022

Week 5 Prog 4

Program 4 - Pick color Class

Create a class that randomly pick a color from an array of colors: string colors[7];

Have the colors array and all functions defined in the class.

Create and use a void setElement(index, "color") function to assign values to the array elements

0 to 6: red, orange, yellow, green, blue, indigo, violet.

Have a function that prints out all the colors in the array.

Have a function that randomly pick One color from the array and cout's the color.

(Research Random number code)

Run your Code - Produce the correct output and Turn it in for credit

```
//  
// main.cpp  
// Week 5 Prog 4  
//  
// Created by Pippo Pesic on 9/14/22.  
  
#include <iostream>  
#include <string>  
#include <stdlib.h>  
#include "p4.h"  
using namespace std;
```

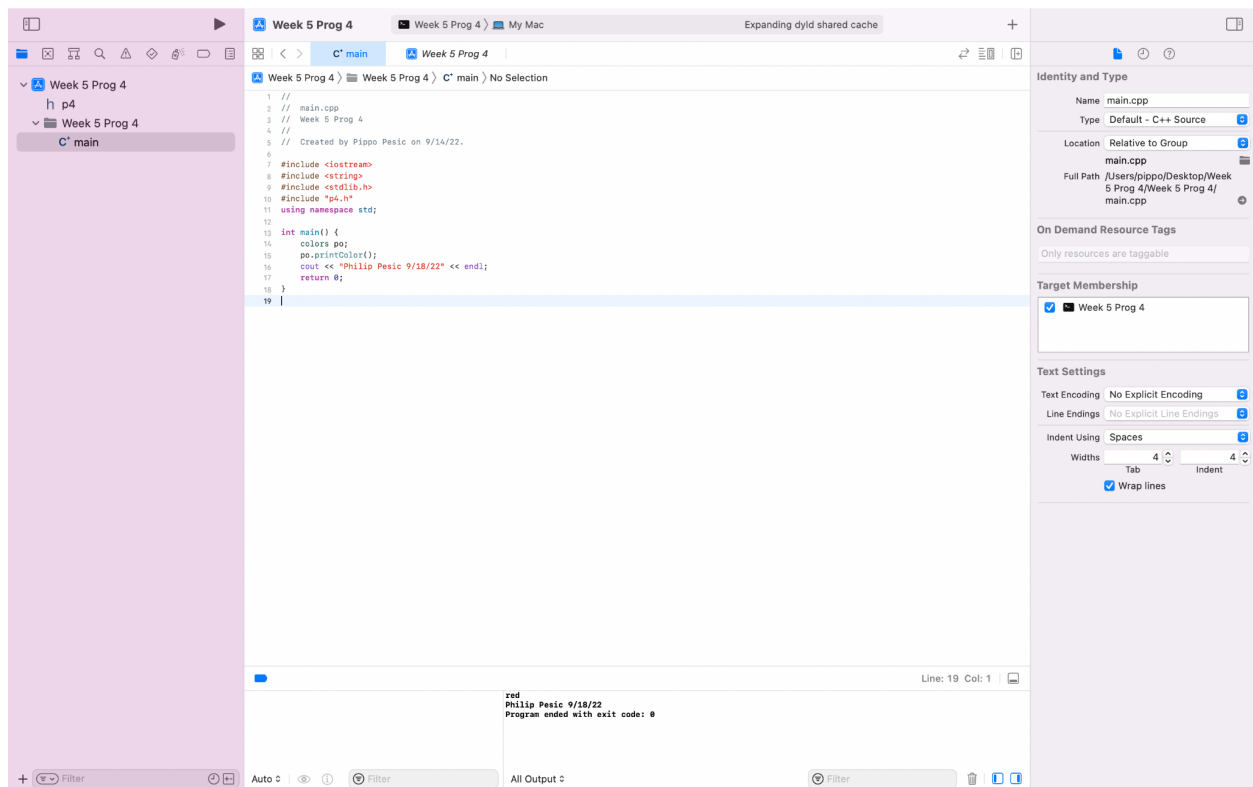
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```
int main() {  
    colors po;  
    po.printColor();  
    cout << "Philip Pesic 9/18/22" << endl;  
    return 0;  
}
```



I practiced writing and importing .h files into a program

color

-colors: int array

+randColor (randCol: string) rand(6) = colors
+printColor (randColor: string) return randColor

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