

MINI PROJECT :- SOURCE CODE ["COLOUR QUIZ"]

/* COLOUR QUIZ

Colour quiz is a game where we have to identify if the colour of text matches the text (name of colour) displayed. Here a random colour is displayed in a random colour and we have to check if the both of them match. */

```
#include <stdio.h>
#include <stdlib.h>
#define SIZE 8
int main()
{
    char arr2[SIZE][20] = {"Black", "Red", "Green", "Yellow",
        "Blue", "Purple", "Cyan", "White"};
    int i, n, j, z, a, k;
    int m;
    char
    time_t t;
    n = 1;
    srand((unsigned)time(&t));
    for (i = 0; i < n; i++) {
        z = rand() % 8;
        k = rand() % 8;
        printf("Enter 1 if colour matches the text or type\n");
        0 if colour now doesn't match the text\n");
        printf("1033[0; 3%dm", z);
        printf("%s\n", arr2[k]);
        printf("1033[0m");
        printf("Enter your answer:");
        scanf("%d", &m);
        if (m == 1) {
            if (k == z) {
                printf("Answer is correct");
            }
            else {
                printf("Answer is wrong");
            }
        }
    }
}
```

```

    }
    if (m == 0) {
        if (k != z) {
            printf ("Answer is correct"); }
        else {
            printf ("Answer is wrong"); }
        }
    }
    return 0;
}

```

Output:-

Enter 1 if colour matches the text or type 0 if
colour doesn't match the text
BLUE

Enter your answer: 0

Yes, Answer is correct.