**Task # 5: Traffic Signal Control**

Simulate a traffic light where the user inputs a color (1 for Red, 2 for Yellow, 3 for Green). The program prints the action to be taken: Stop Ready, or Go . Use switch-case.

CODE:

#include<stdio.h>

int main()

{

int color ;

printf("Enter color code (1 for red , 2 for yellow , 3 for green) = ");

scanf("%d",&color);

switch(color)

{

case 1:

printf("STOP");

break;

case 2:

printf("READY");

break;

case 3:

printf("G0");

break;

default :

printf("INVALID");

}

return 0;

}

OUTPUT:





