

40. #include <stdio.h>

```
int main() {  
    int choice;  
  
    // Input choice from user  
    printf("Enter traffic signal number (1-3): ");  
    scanf("%d", &choice);  
  
    // Display traffic signal based on choice using switch case  
    switch (choice) {  
        case 1:  
            printf("Red signal - Stop\n");  
            break;  
        case 2:  
            printf("Yellow signal - Prepare to stop\n");  
            break;  
        case 3:  
            printf("Green signal - Go\n");  
            break;  
        default:  
            printf("Invalid choice\n");  
    }  
  
    return 0;  
}
```