**package** ujas;

**import** java.util.Scanner;

**public** **class** Ujas {

**public** **static** **void** main(String[] args) {

Scanner Ayodeji=**new** Scanner(System.*in*);

**int** a;

**int** b;

**int** light;

System.*out*.println("Enter the value of a");

a=Ayodeji.nextInt();

System.*out*.println("Enter the value of b");

b=Ayodeji.nextInt();

light=a+b;

System.*out*.println(light);

**switch** (light){

**case** 100:

System.*out*.println("green light on");

**break**;

**case** 50:

System.*out*.println("Yellow light is on");

**break**;

**case** 20:

System.*out*.println("Red light is on");

**break**;

**default**:

System.*out*.println("Light off");

}

}

}