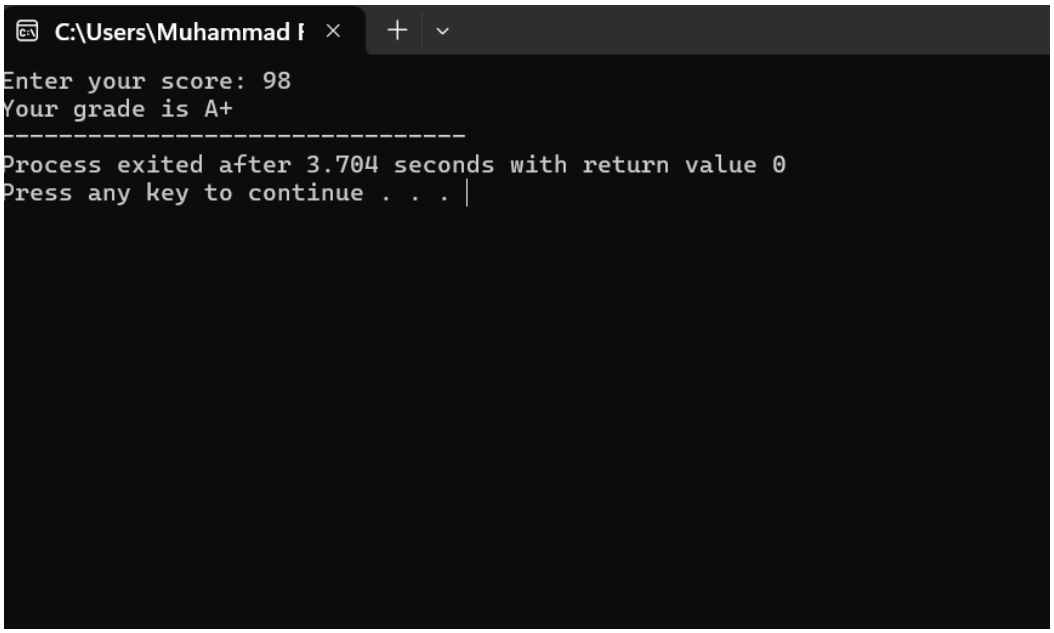
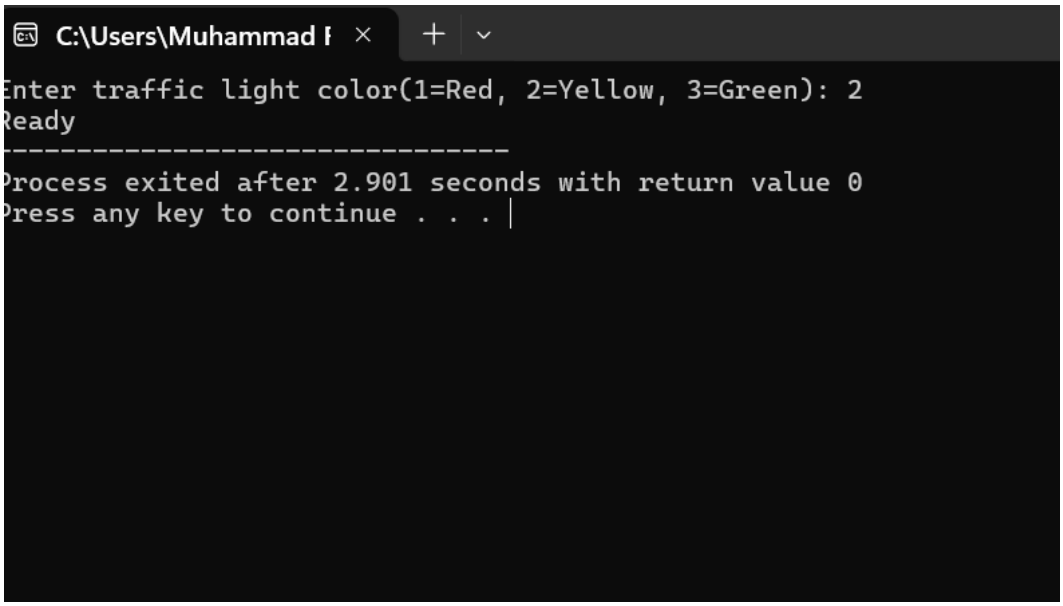
TASK#4

```
#include<stdio.h>

int main()
{
	int score;
	printf("Enter your score: ");
	scanf("%d", &score);

	if (score>=90)
	{
		printf("Your grade is A+");
	}
	else if (score>=80)
	{
		printf("Your grade is B");
	}
	else if (score>=70)
	{
		printf("Your grade is C");
	}
	else if (score>=60)
	{
		printf("Your grade is D");
	}
	else
	{
		printf("Your grade is F");
	}
	return 0;
}
```



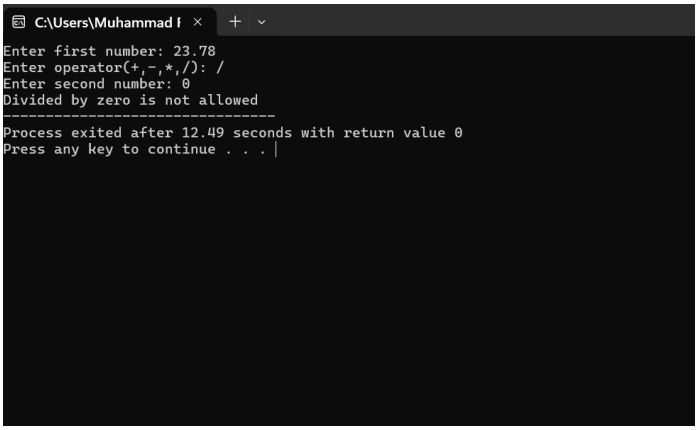
TASK#5

```
#include<stdio.h>

int main()
{
	int color;
	printf("Enter traffic light color(1=Red, 2=Yellow, 3=Green): ");
	scanf("%d", &color);

	switch(color)
	{
		case 1:
			printf("Stop");
			break;
		case  2:
			printf("Ready");
			break;
		case 3:
			printf("Go");
			break;
		default:
			printf("Invalid input");
	}
	return 0;
}
```



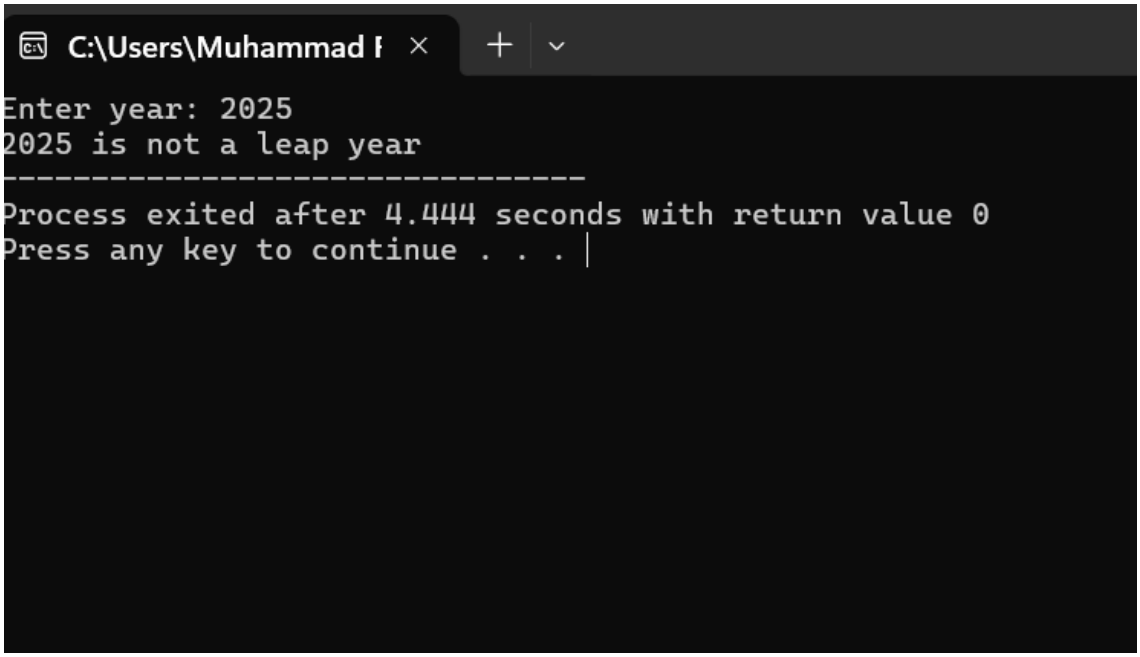
TASK#6

```
#include<stdio.h>

int main()
{
	double num1, num2;
	char op;

	printf("Enter first number: ");
	scanf("%lf", &num1);

	printf("Enter operator(+,-,*,/): ");
	scanf(" %c", &op);

	printf("Enter second number: ");
	scanf("%lf", &num2);

	switch(op)
	{
		case '+':
		printf("Result: %.2lf", num1 + num2);
		break;
		case '-':
			printf("Result: %.2lf", num1 - num2);
			break;
		case '*':
			printf("Result: %.2lf", num1 * num2);
			break;
		case '/':
			if(num2!=0){
			printf("Result; %.2lf", num1/num2);}
			else{
			printf("Divided by zero is not allowed");
			}
			break;
		default:
			printf("Invalid operator!");
	}
	return 0;
}
```



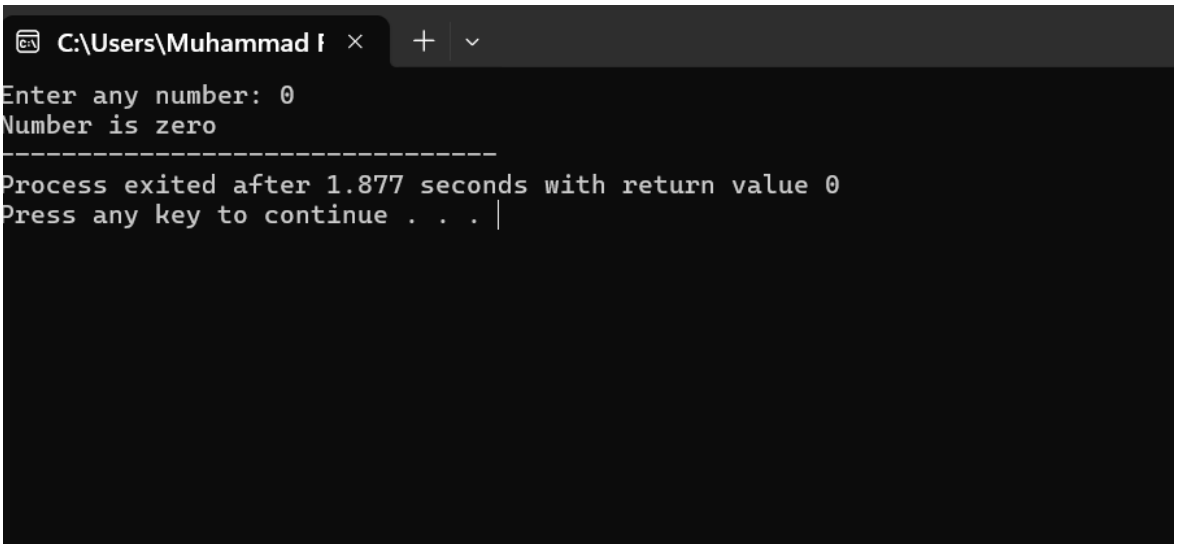
TASK#7

```
#include<stdio.h>

int main()
{
	int year;
	printf("Enter year: ");
	scanf("%d", &year);
	if((year % 400 == 0) || (year % 4 == 0 && year % 100 != 0))
	{
		printf("%d is a leap year", year);
	}
	else
	{
		printf("%d is not a leap year", year);
	}
	return 0;
}
```



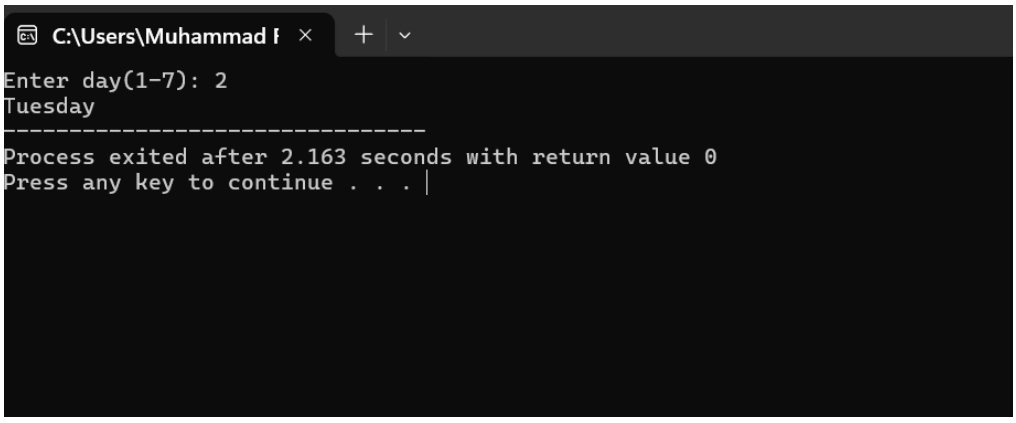
TASK#8

```
#include<stdio.h>

int main()
{
	int number;
	printf("Enter any number: ");
	scanf("%d", &number);

	if(number>0)
	{
		printf("Number is positive");
	}
	else if(number<0)
	{
		printf("Number is negative");
	}
	else
	{
		printf("Number is zero");
	}
	return 0;
}
```



TASK#9

```
#include<stdio.h>

int main()
{
	int day;
	printf("Enter day(1-7): ");
	scanf("%d", &day);

	switch(day)
	{
		case 1:
		printf("Monday");
		break;
		case 2:
		printf("Tuesday");
		break;
		case 3:
		printf("Wednesday");
		break;
		case 4:
			printf("Thursday");
			break;
		case 5:
			printf("Friday");
			break;
		case 6:
			printf("Saturday");
			break;
		case 7:
			printf("Sunday");
			break ;
		default:
			printf("Input is invalid");
	}
	return 0;
}
```



TASK#10

```
#include<stdio.h>

int main()
{
	int password = 1234;
	int entered_password;
	printf("Enter password: ");
	scanf("%d", &entered_password);
	if(entered_password==password)
	{
		printf("Access Granted");
	}
	else
	{
		printf("Access Denied");
	}

	return 0;
}
```