TASK 1;

```c
#include <stdio.h>
int main() {
        int score;
        printf("enter your score: ");
        scanf("%d", &score);
        if (score>=90) {
                printf("A");
        }
        else if (score>=80) {
                printf("B");
                }else if (score>=70) {
                        printf("C");
                }else if (score>=60) {
                        printf("D"); }
        else {
                printf("F");
        }

        }
```
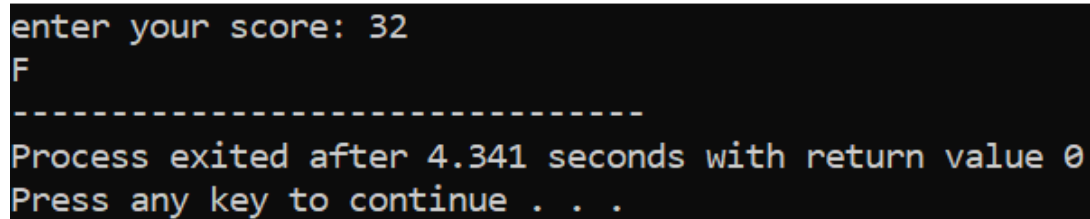
```
enter your score: 32
F
---------------------------------
Process exited after 4.341 seconds with return value 0
Press any key to continue . . .
```

TASK 2;

```c
#include <stdio.h>
int main() {
        int color;
        printf("enter a color (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("Go");
```

```
                break;
        default:
                printf("Invalid input");
    }
}
```

TASK 6;
```
#include <stdio.h>
int main() {
        int a,b;
        char operation;
        printf("enter the first value: ");
        scanf("%d",&a);
        printf("enter the second value: ");
        scanf("%d",&b);
        printf("enter an operator: ");
        scanf(" %c", &operation);

        switch (operation)
        {
                case '+':
                        printf("%d", a+b);
                        break;
                case '-':
                        printf("%d", a-b);
                        break;
                case '*':
                        printf("%d", a*b);;0
                        break;
                case '/':
                        printf("%d", a/b);
                        break;
                default:
                        printf("Invalid input");


}
```

```
        }
```

```
enter the first value: 3
enter the second value: 2
enter an operator: +
5

-----------------------------------
Process exited after 2.972 seconds with return value 0
Press any key to continue . . .
```

TASK 7;
```c
#include <stdio.h>
int main() {
        int year;
        printf("enter a year: ");
        scanf("%d",&year);
        if(year%400==0) {
                printf("this is a leap year");
        }
        else if(year%100==0){
                printf("this is not a leap year");
        }
        else if (year%4==0){
                printf("this is a leap year");
        }
        else{
                printf("this is not a leap year");
        }
        }
```
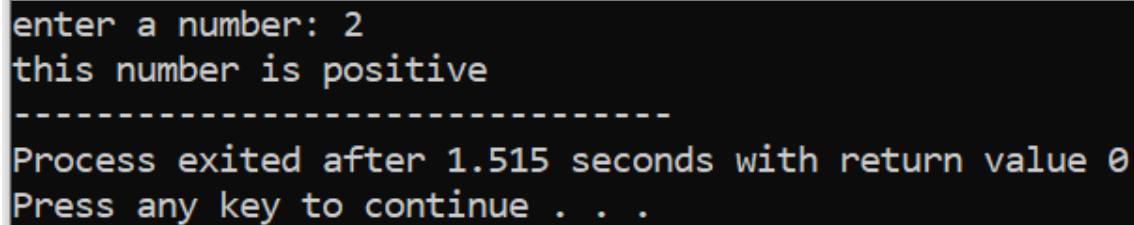
```
enter a year: 2025
this is not a leap year

-----------------------------------
Process exited after 2.485 seconds with return value 0
Press any key to continue . . .
```

TASK 8;
```c
#include <stdio.h>
int main() {
        int a;
        printf("enter a number: ");
        scanf("%d",&a);
        if(a==0) {
                printf("this number is neither positive nor negative");
        }
        else if(a>0){
                printf("this number is positive");
        }
        else{
                printf("this number is negative");
        }
}
```

```
enter a number: 2
this number is positive
--------------------------------
Process exited after 1.515 seconds with return value 0
Press any key to continue . . .
```

TASK 9;
```c
#include <stdio.h>
int main() {
        int day;
        printf("enter a number (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 7:
                        printf("saturday");
                        break;
                case'7':
                        printf("sunday");
                        break;
                default:
                        printf("invalid input");

}


        }
```

```
enter a number (1-7): 3
wednesday
--------------------------------
Process exited after 0.8369 seconds with return value 0
Press any key to continue . . .
```

TASK 10;
```c
#include <stdio.h>
int main() {
        int num;
        int password=1111;
        printf("enter the password: ");
        scanf("%d",&num);
        if (num==password) {
                printf("access granted"); }
        else{
                printf("access denied");
        }
        }
```