Task 4:

#include<stdio.h>

Int main(){

Int score;

Printf(“Enter your score: “);

Scanf(“%d”,&score);

If(score>89){printf(“A”);}

Else

{

If(score>79){printf(“B”);}

Else

{

If(score>69){printf(“C”);}

Else

{

If(score>59){printf(“D”);}

Else

{

If(score<60){printf(“fail”);}

}

}

}

}

}

**TASK 5:**

#include <stdio.h>

int main() {

int color;

printf("Enter traffic signal (1=Red, 2=Yellow, 3=Green): ");

scanf("%d", &color);

switch(color) {

case 1: printf("Stop\n"); break;

case 2: printf("Ready\n"); break;

case 3: printf("Go\n"); break;

default: printf("Invalid input!\n");

}

return 0;

}

**TASK 6:**

#include <stdio.h>

int main() {

int a, b;

char op;

printf("Enter first number: ");

scanf("%d", &a);

printf("Enter operator (+, -, \*, /): ");

scanf(" %c", &op);

printf("Enter second number: ");

scanf("%d", &b);

switch(op) {

case '+':

printf("Result = %d\n", a + b);

break;

case '-':

printf("Result = %d\n", a - b);

break;

case '\*':

printf("Result = %d\n", a \* b);

break;

case '/':

if(b != 0)

printf("Result = %d\n", a / b);

else

printf("Cannot divide by zero\n");

break;

default:

printf("Invalid operator\n");

}

return 0;

}

**TASK 7:**

#include <stdio.h>

int main() {

int year;

printf("Enter a year: ");

scanf("%d", &year);

if (year % 400 == 0) {

printf("Leap Year\n");

}

else if (year % 100 == 0) {

printf("Not a Leap Year\n");

}

else if (year % 4 == 0) {

printf("Leap Year\n");

}

else {

printf("Not a Leap Year\n");

}

return 0;

}

**TASK 8:**

#include <stdio.h>

int main() {

int num;

printf("Enter a number: ");

scanf("%d", &num);

if (num > 0) {

printf("Positive\n");

}

else if (num < 0) {

printf("Negative\n");

}

else {

printf("Zero\n");

}

return 0;

}

**TASK 9:**

#include <stdio.h>

int main() {

int day;

printf("Enter day number (1-7): ");

scanf("%d", &day);

switch(day) {

case 1:

printf("Monday\n");

break;

case 2:

printf("Tuesday\n");

break;

case 3:

printf("Wednesday\n");

break;

case 4:

printf("Thursday\n");

break;

case 5:

printf("Friday\n");

break;

case 6:

printf("Saturday\n");

break;

case 7:

printf("Sunday\n");

break;

default:

printf("Invalid day number\n");

}

return 0;

}

**TASK 10:**

#include <stdio.h>

Int main() {

Int password;

Printf(“Enter password: “);

Scanf(“%d”, &password);

If (password == 1111) {

Printf(“Access Granted\n”);

}

Else {

Printf(“Access Denied\n”);

}

Return 0;

}