Q1:

#include <stdio.h>

#include <stdlib.h>

int main()

{

    int month;

    system("cls");

    printf("enter a month\n");

    scanf("%d", &month);

    switch (month)

    {

    case 1:

        printf("No of days 31");

        break;

    case 2:

        printf("No of days 28");

        break;

    case 3:

        printf("No of days 31");

        break;

    case 4:

        printf("No of days 30");

        break;

    case 5:

        printf("No of days 31");

        break;

    case 6:

        printf("No of days 30");

        break;

    case 7:

        printf("No of days 31");

        break;

    case 8:

        printf("No of days 31");

        break;

    case 9:

        printf("No of days 30");

        break;

    case 10:

        printf("No of days 31");

        break;

    case 11:

        printf("No of days 30");

        break;

    case 12:

        printf("No of days 31");

        break;

    default:

        printf("invalid month");

        break;

    }

    return 0;

}

Q2:

#include <stdio.h>

#include <stdlib.h>

int main()

{

        int a, b, c, choices;

        system("cls");

        printf("1: Addition\n");

        printf("2: Subtraction\n");

        printf("3: Multiplication\n");

        printf("4: Division\n");

        printf("5: Exit\n");

        printf("enter choices");

        scanf("%d", &choices);

        switch (choices)

        {

        case 1:

            // int a, b, c;

            printf("Enter a number");

            scanf("%d %d", &a, &b);

            c = a + b;

            printf("Addition of %d and %d is %d", a, b, c);

            break;

        case 2:

            // int a, b, c;

            printf("Enter a number");

            scanf("%d %d", &a, &b);

            c = a - b;

            printf("Subtraction of %d and %d is %d", a, b, c);

            break;

        case 3:

            // int a, b, c;

            printf("Enter a number");

            scanf("%d %d", &a, &b);

            c = a \* b;

            printf("Multiplication of %d and %d is %d", a, b, c);

            break;

        case 4:

            // int a, b, c;

            printf("Enter a number");

            scanf("%d %d", &a, &b);

            c = a / b;

            printf("division of %d and %d is %d", a, b, c);

            break;

        case 5:

            exit(0);

            // break;

        default:

            printf("invalid choices");

            break;

    }

    return 0;

}

Q3: #include <stdio.h>

#include <stdlib.h>

int main()

{

    int week;

    system("cls");

    printf("enter a day number of a week");

    scanf("%d", &week);

    switch (week)

    {

case 1:

    printf("When you have a dream, you've got to grab it and never let go.");

    break;

case 2:

    printf("You define your own life. Don't let other people write your script.");

    break;

case 3:

    printf("You are never too old to set another goal or to dream a new dream.");

    break;

case 4:

    printf("Spread love everywhere you go.");

    break;

case 5:

    printf("Do not allow people to dim your shine because they are blinded\nTell them to put some sunglasses on.");

    break;

case 6:

    printf("You can be everything.You can be the infinite amount of things that people are.");

    break;

case 7:

    printf("No matter what people tell you, words and ideas can change the world.");

    break;

    default:

    printf("invalid week number");

    }

    return 0;

}

Q5:

#include <stdio.h>

#include <stdlib.h>

int main()

{

    int choices;

    system("cls");

    printf("enter choices");

    scanf("%d", &choices);

    switch (choices)

    {

    case 1:

        printf("good");

        break;

    case 2:

        printf("better");

        break;

    case 3:

        printf("best");

        break;

    default:

        printf("invalid");

    }

    return 0;

}

Q6:

#include <stdio.h>

#include <stdlib.h>

int main()

{

    int leapyear, a;

    system("cls");

    printf("1:for non centuray years\n");

    printf("2:for centuary centuray years\n");

    scanf("%d", &leapyear);

    switch (leapyear)

    {

    case 1:

        printf("enter a year\n");

        scanf("%d", &a);

        if (a % 4 == 0)

            printf("leap year");

        else

            printf("not leap yaer");

        break;

    case 2:

        printf("enter a year\n");

        scanf("%d", &a);

        if (a % 400 == 0)

            printf("leap year");

        else

            printf("not leap yaer");

        break;

    default:

        printf("invalid");

    }

    return 0;

}

Q7:

#include<stdio.h>

#include<stdlib.h>

int main (){

    int unit;

    float a;

    system("cls");

    printf("enter a unit\n");

    scanf("%d",&unit);

    switch(unit)

    {

        case 1 ... 50:

        a=unit\*0.50;

        printf("your electricty bill is %f",a);

        break;

        case 51 ... 151:

        a=unit\*0.75;

        printf("your electricty bill is %f",a);

        break;

        case 152 ... 252:

        a=unit\*1.20;

        printf("your electricty bill is %f",a);

        break;

        case 253 ...10000:

        a=unit\*1.50;

        printf("your electricty bill is %f",a);

        break;

        default:

        printf("Bill is high contact our executive manager\n");

    }

    return 0;

}

Q8:

#include <stdio.h>

#include <stdlib.h>

int main()

{

    int choices, a, s;

    system("cls");

    printf("1:convert positive number into negative\n");

    printf("2:convert negative number into positive\n");

    printf("enter a choice");

    scanf("%d", &choices);

    switch (choices)

    {

    case 1:

        printf("enter a number");

        scanf("%d", &a);

        s = a \* (-1);

        printf("%d", s);

        break;

    case 2:

        printf("enter a number");

        scanf("%d", &a);

        s = -(a) \* (-1);

        printf("%d", s);

        break;

        default:

        printf("invalid choices");

    }

    return 0;

}

Q9: