



- ① write a program which take the month number as an input and display number of days in that month.

Ans

```
#include <stdio.h>
int main()
{
    int choice;
    while(1)
    {
        printf("Enter a Month Number\n");
        printf("Exit -> 13\n");
        switch(choice)
        {
            case 1:
            case 3:
            case 5:
            case 7:
            case 8:
            case 10:
            case 12:
                printf("31 days\n");
                break;
            case 2:
                printf("28 or 29 days\n");
            case 4:
            case 6:
            case 9:
            case 11:
                printf("30 days\n");
                break;
```




Case 13:

exit (0);

default :

printf ("Invalid\n");

}

{

return 0;

}

(2) write a menu driven program with the following options.

Ans (a) Addition

(b) Subtraction

(c) Multiplication

(d) division

(e) exit.

Ans #include <stdio.h>

#include <conio.h>

int main ()

{

int a, b, choice;

printf ("1. Addition\n");

printf ("2. Subtraction\n");

printf ("3. Multiplication\n");

printf ("4. division\n");

printf ("5. Exit\n");

printf ("Enter your choice:");

scanf ("%d", &choice);

Switch (choice)

{

case 1:

{

printf("Enter Two Number");

scanf("%d %d", &a, &b);

int sum = a + b;

printf("Sum of two Number is %d", sum);

}

break;

case 2:

{

printf("Enter two Number");

scanf("%d %d", &a, &b);

int sub = a - b;

printf("Substraction of two No. is %d", sub);

}

break;

case 3:

{

printf("Enter two Number");

scanf("%d %d", &a, &b);

int Mult = a * b;

printf("Multiplication of two No. is %d", Mult);

}

break;

case 4:

{

printf("Enter two Number");

scanf("%d %d", &a, &b);

int div = a / b;

printf("division of two Number is %d", div);

}



case 5: {
 printf ("Enter two Number ");
 scanf ("%d %d", &a, &b);
 in.

case 5;
 exit (0);

default :
 printf ("Invalid Number\n");
 return 0;

Q. Write a program which takes the day number of a week and displays a unique greeting message for the day.

Ans #include <stdio.h>
 int main()
 {
 int choice;
 while (1)
 {
 printf ("Enter a week (1-7)\n:");
 scanf ("%d", &choice);

printf("In (ii) Exit click -> 0\n");
switch(choice)
{

case 1:

{
printf("Today is Sunday\n");
printf("Nice days");
}
break;

case 2:

{

printf("Today is Monday\n");
printf("Best Days");
}
break;

case 3:

{

printf("Today is Tuesday\n");
printf("Super Day");

}

break;

case 4:

{

printf("Today is Wednesday\n");
printf("Wonderful day");

}

break;

case 5:

{

printf("Today is Thursday\n");
printf("Lovely day");

}

break;

class 6:

{

printf ("Today is ^{Fri. day} ~~friend~~");
printf ("Awesome day");

}

break;

case 7:

{

printf ("Today is Saturday");
printf ("funstastics day");

}

break

case 0:

{

exit (0);

}

default:

{

printf ("invalid");

}

return 0;

}