

Sample programs

Sample 1:

input

```
#include<stdio.h>
int main()
{
    int a,n=1;
    printf("enter the value");
    scanf("%d",&a);
    while(n<11)
    {
        printf("%d*d=%d\n",a,n,a*n);
        n++;
    }
    return 0;
}
```

output

enter the value5

5*1=5
5*2=10
5*3=15
5*4=20
5*5=25
5*6=30
5*7=35
5*8=40
5*9=45
5*10=50

Sample 2:

Input

```
#include <stdio.h>
int main()
{
    int i=0;
    for(i=0;i<10;i++)
    {
        if(i<4)
            continue;
        printf("\n%d",i);
    }
    return 0;
}
```

Output

4
5
6
7
8
9

Sample 3:

Input

```
#include<stdio.h>
int main()
{
    int month;
    printf("enter the month number(1-12)",month);
    scanf("%d",&month);
    switch(month)
    {
        case 1:
            printf("31 days");
            break;
        case 2:
            printf("28/29 days");
            break;
        case 3:
            printf("31 days");
            break;
        case 4:
            printf("30 days");
            break;
        case 5:
            printf("31 days");
            break;
        case 6:
            printf("30 days");
            break;
        case 7:
            printf("31 days");
            break;
        case 8:
            printf("31 days");
            break;
        case 9:
            printf("30 days");
            break;
        case 10:
            printf("31 days");
            break;
        case 11:
```

```

        printf("30 days");
        break;
    case 12:
        printf("31 days");
        break;
    default:
        ("invalid input!please enter the month number between(1-12)");
    }
    return 0;
}

```

output

enter the month number(1-12)8
31 days

sample 4:

input

```

#include<stdio.h>
int main()
{
    int week;
    printf("enter the week number(1-7)\n",week);
    scanf("%d",&week);
    switch(week)
    {
        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("invalid input!please enter the week number between
(1-7)");
    }
    return 0;
}

```

```
}
```

output

enter the week number(1-7)

7

sunday

sample 5:

input

```
#include<stdio.h>
int main()
{
    int a=1,n;
    printf("Enter the n value:");
    scanf("%d",&n);
    while(a<10)

    {
        printf("%d x %d=%d\n",a,n,a*n);
        a++;
    }
    return 0;
}
```

output

Enter the n value:6

1 x 6=6

2 x 6=12

3 x 6=18

4 x 6=24

5 x 6=30

6 x 6=36

7 x 6=42

8 x 6=48

9 x 6=54

sample 6:

input

```
#include<stdio.h>
int main()
{
    int a=1;
    float b=1.5;
    printf("a after incremented : %d\n",+5+a);
    printf("b after decremented : %d\n",--b);
    return 0;
}
```

output

a after incremented: 6

b after decremented: 2046648992

sample 7:

output

```
#include<stdio.h>
int main()
{
    int a=1;
    for(a=1;a<10;++a)
    {
        printf("%d \n",a);
    }
    return 0;
}
```

input

1
2
3
4
5
6
7
8
9

sample 8

input

```
#include<stdio.h>
int main()
{
    int a=10;
    float b=9.5;
    for(a=10;a>3;--a)
    for(b=9.5;b>4;++b)
    {
        printf("%d\n",--a);
    }
    {
        printf("%f\n",++b);
    }
    return 0;
}
```

output

1

2
3
4
5
6
7
8
9

sample 9

input

```
#include<stdio.h>
int main()
{
    int a=1;
    for(a=1;a<10;++a)
    {
        printf("%d\n",++a);
    }
    return 0;
}
```

output

2
4
6
8
10

sample 10

input

```
#include<stdio.h>
int main()
{
    int a=1,b=12;
    for(a=1;a<10; a++)
    {
        printf("%d\n", ++a);
    }
    for(b=12; b<20; b++)
    {
        printf("%d\n", ++b);
    }
    return 0;
}
```

output

2

4
6
8
10
13
15
17
19

sample 11

input

```
#include<stdio.h>
int main()
{
    int a=10,b=20,c;
    c=a+b;
    printf("%d\n",c);
    return 0;
}
```

output

30

sample 12

input

```
#include<stdio.h>
int main()
{
    int a=10,b=20,c;
    c=a-b;
    printf("%d\n",c);
    return 0;
}
```

output

-10

sample 13

input

```
#include<stdio.h>
int main()
{
    int a,b,c;
    printf("enter the value of a\n");
    scanf("%d",&a);
    printf("enter the value of b\n");
    scanf("%d",&b);
    c=a+b;
}
```

```
    printf("%d\n",c);  
    return 0;  
}
```

output

enter the value of a

8

enter the value of b

5

13

sample 14

input

```
#include<stdio.h>  
int main()  
{  
    int a,b;  
    printf("enter the value of a\n");  
    scanf("%d",&a);  
    if(a>25)  
    {  
        printf("A is less than 25\n");  
    }  
    else  
    {  
        printf("A is more than 25\n");  
    }  
    return 0;  
}
```

output

enter the value of a

8

A is more than 25

sample 15

input

```
#include<stdio.h>  
int main()  
{  
    int a;  
    printf("enter your age\n");  
    scanf("%d",&a);  
    if(a>18)  
    {  
        printf("you are eligible for voting",a);  
    }  
    else  
    {  
        printf("you are not eligible for voting",a);  
    }  
}
```



```
    }  
    return 0;  
}
```

input

enter your age

18

you are not eligible for voting

sample 16

input

```
#include<stdio.h>  
int main()  
{  
    int a=1;  
    float b=1.5;  
    printf("a after incremented : %d\n",+5+a);  
    printf("b after decremented : %d\n",--b);  
    return 0;  
  
}
```

output

a after incremented : 6

b after decremented : -933891424

sample 17

input

```
#include<stdio.h>  
int main()  
{  
    int a=10;  
    float b=9.5;  
    for(a=10;a>3;--a)  
    for(b=9.5;b>4;++b)  
    {  
        printf("%d\n",--a);  
    }  
    {  
        printf("%f\n",++b);  
    }  
    return 0;  
}
```

output

1
2
3
4
5

6
7
8
9

sample 18

input

```
#include<stdio.h>
int main()
{
    int a=1;
    for(a=1;a<10;++a)
    {
        printf("%d\n",++a);
    }
    return 0;
}
```

output

2
4
6
8
10

sample 19

input

```
#include<stdio.h>
int main()
{
    int a=1,b=12;
    for(a=1;a<10; a++)
    {
        printf("%d\n", ++a);
    }
    for(b=12; b<20; b++)
    {
        printf("%d\n", ++b);
    }
    return 0;
}
```

output

2
4
6
8

10
13
15
17
19

sample 20

input

```
#include<stdio.h>
int main()
{
    int a=10;
    for(a=10;a>0;a--)
    {
        printf("%6d",a);
    }
    return 0;
}
```

output

10 9 8 7 6 5 4 3 2 1

sample 21

input

```
#include<stdio.h>
int main()
{
    int a=10;
    for(a=10;a>=-11;a--)
    {
        printf("%d \n",a);
    }
    return 0;
}
```

output

10
9
8
7
6
5
4
3
2
1
0
-1

-2
-3
-4
-5
-6
-7
-8
-9
-10

sample 22

input

```
#include<stdio.h>
int main()
{
    int a,n;
    a=1;
    printf("enter the value\n");
    scanf("%d",&n);
    for(a=1;a<n;a++)
        printf("%d \n",a);

    return 0;
}
```

output

enter the value
8
1
2
3
4
5
6
7

sample 23

input

```
#include<stdio.h>
int main()
{
    int a,n;
    a=1;
    printf("enter the value\n");
    scanf("%d",&n);
    for(a=1;a<n;a++)
        printf("%d \n",a);
}
```

```
        return 0;
    }
```

output

enter the value

7

1

2

3

4

5

6

sample 24

input

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int x, y, *a, *b, temp;
```

```
    printf("Enter the value of x and y\n");
```

```
    scanf("%d%d", &x, &y);
```

```
    printf("Before Swapping\nx = %d\ny = %d\n", x, y);
```

```
    a = &x;
```

```
    b = &y;
```

```
    temp = *b;
```

```
    *b = *a;
```

```
    *a = temp;
```

```
    printf("After Swapping\nx = %d\ny = %d\n", x, y);
```

```
    return 0;
```

```
}
```

output

Enter the value of x and y

4

5

Before Swapping

x = 4

y = 5

After Swapping

$$x = 5$$

$$y = 4$$