Q.1 Write a Program to print 1 to 10 using a do-while loop.
For example,
Output:
1 2 3 4 5 6 7 8 9 10

Ans:

```c
/ Online C compiler to run C program online
#include <stdio.h>
void main(){
    int i=1;

    do{
        printf("\n%d",i);
        i++;
    }while(i<=10);



}
```

O/p:
1
2
3
4
5
6
7
8
9
10

=== Code Exited With Errors ===

Q.2 Write a Program to print 10 to 1 using a for loop.
For example,
Output:
10 9 8 7 6 5 4 3 2 1

Ans:

```c
// Online C compiler to run C program online
#include <stdio.h>
void main(){
```

```
    int i=1;
    for(i=10;i>=1;i--){
        printf("\n%d",i);

    }


}

o/p;
10
9
8
7
6
5
4
3
2
1

=== Code Exited With Errors ===
```

Q.3 Write a Program to print even numbers from 1 to N using a do-while loop.
For example,
Input:
Enter any number: 9

Output:
2 4 6 8
Ans:

```
// Online C compiler to run C program online
#include <stdio.h>
void main(){
    int i,n;
    printf("enter any number :");
    scanf("%d",&n);
    do{if(i%2==0)
    printf("\n%d",i);
    i++;
    }while(i<=n);
```

```
}
```

o/p:

enter any number :9

0
2
4
6
8

=== Code Exited With Errors ===

Q.4 Write a Program to print the Fibonacci series up to N numbers using a for loop.
For example,
Input:
Enter any number: 8

Output:
0, 1, 1, 2, 3, 5, 8, 13

Ans:

```c
// Online C compiler to run C program online
    #include <stdio.h>
void main(){
    int i,n,a=0,b=1,ans;
    printf("enter any number:");
    scanf("%d",&n);
    for(i=1;i<=n;i++)
    {
printf("%d,",a);
ans=a+b;
    a=b;
    b=ans;
}
}
```

o/p:

enter any number:8
0,1,1,2,3,5,8,13,

=== Code Exited With Errors ===