MD Iqbal Hossan
CSE-28
Roll-21061

1. Print Fibonacci Series for N Terms.

t here | fibonacci.c

```c
#include <stdio.h>

int main()
{
    int count, first_term = 0, second_term = 1, next_term, i;

    printf("Enter the number of terms:");
    scanf("%d",&count);

    printf("First %d terms of Fibonacci series:\n",count);
    for ( i = 0 ; i < count ; i++ )
    {
       if ( i <= 1 )
          next_term = i;
       else
       {
          next_term = first_term + second_term;
          first_term = second_term;
          second_term = next_term;
       }
       printf("%d\n",next_term);
    }

    return 0;
}
```

```
"C:\Users\MD IQBAL HOSSEN\OneDrive\Desktop\c_programming\exercise\fibonacci.exe"
Enter the number of terms:8
First 8 terms of Fibonacci series:
0
1
1
2
3
5
8
13

Process returned 0 (0x0)   execution time : 3.162 s
Press any key to continue.
```

2. Traverse an array.

Start here | fibonacci.c | travers.c

```c
#include<stdio.h>

int main()

{
    int size,i;

    printf("Enter the Array size: ");
    scanf("%d",&size);

    int arr[size];

    printf("Enter the elements in array: \n");
    for(i=0;i<size;i++)
    {
        scanf("%d",&arr[i]);
    }

    printf("The Traverse of array is:\n");

    for(i=0;i<size;i++)
    {
        printf("%d\n",arr[i]);
    }

    return 0;

}
```

```
"C:\Users\MD IQBAL HOSSEN\OneDrive\Desktop\c_programming\exercise\travers.exe"
Enter the Array size: 3
Enter the elements in array:
10 20 30
The Traverse of array is:
10
20
30

Process returned 0 (0x0)   execution time : 9.013 s
Press any key to continue.
```