

1.7 write a program to print fibonacci numbers from 1 to n.

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

```
{  
    int num, i;  
    int a=0, b=1, c;  
    printf("Enter a number: ");  
    scanf("%d", &num);  
    for (i=1; i<=num; i++)  
    {  
        printf("%d, ", a);  
        c = a + b;  
        a = b;  
        b = c;  
    }  
    return 0;  
}
```

Output:- Enter a number: 17

0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377, 610, 987,

2. Write a program to print all Fibonacci upto nth term.

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

```
int main ( )
```

```
{
```

```
    int num, i;
```

```
    int a=0, b=1, c;
```

```
    printf("Enter a number: ");
```

```
    scanf("%d", &num);
```

```
    for (i=1, i<=num; i++)
```

```
    { printf("%d ", a);
```

```
      c = a + b;
```

```
      a = b;
```

```
      b = c;
```

```
    }
```

```
    return 0;
```

```
}
```

Output: - Enter a number: 10

0, 1, 1, 2, 3, 5, 8, 13, 21, 34