

```

f3 = f1 + f2;
printf("%d", f3);
f1 = f2;
f2 = f3;
}
getch();
}

```

70) Write a program to display  $n^{\text{th}}$  Fibonacci number.

```

→ #include <stdio.h>
void main()
{
    int n, f1=0, f2=1, f3, i;
    clrscr();
    printf("\nEnter value for n:");
    scanf("%d", &n);
    printf("\n Generation of %dth Fibonacci number is\n", n);
    if (n == 1)
    {
        printf("%d", f1);
    }
    if (n == 2)
    {
        printf("%d", f2);
    }
    for (i = 3; i <= n; i++)
    {
        f3 = f1 + f2;
        f1 = f2;
        f2 = f3;
    }
}

```