Description:

C program that Finds the Fibonacci Series, and reports execution time using clock().

Source Code:

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

int main() {
   int n, t1 = 0, t2 = 1, nextterm;
   clock_t start, end;
   double cpu_time_used;

   start = clock();

   printf("Enter the number of terms: ");
   scanf("%d", &n);
   printf("Fibonacci Series: %d %d ", t1, t2);

   for (int i = 3; i <= n; i++) {
      nextterm = t1 + t2;
      printf("%d ", nextterm);
      t1 = t2;
      t2 = nextterm;
   }

   end = clock();
```

```
    cpu_time_used = ((double)(end - start)) / CLOCKS_PER_SEC;

    printf("\nExecution Time: %f seconds", cpu_time_used);
    printf("\nResult: The code has been executed successfully.\n");

    return 0;
}
```

Output: