**PROGRAM 4- FIBONACCI SERIES WITHOUT RECURSION**

int main()

{

int i, n, firstTerm=0, secondTerm=1, sum=0;

printf("\nEnter number of terms required in Fibonacci Series: ");

scanf("%d",&n);

// Showing the first two term of the Fibonacci Series

printf("\nFibonacci Series is:\n\n\n %d %d ", firstTerm, secondTerm);

//start i =2

i=2;

//i starts from 2, as the first two terms of the series have already been shown

while (i<n)

{

sum=firstTerm+secondTerm;

firstTerm=secondTerm;

secondTerm=sum;

++i;

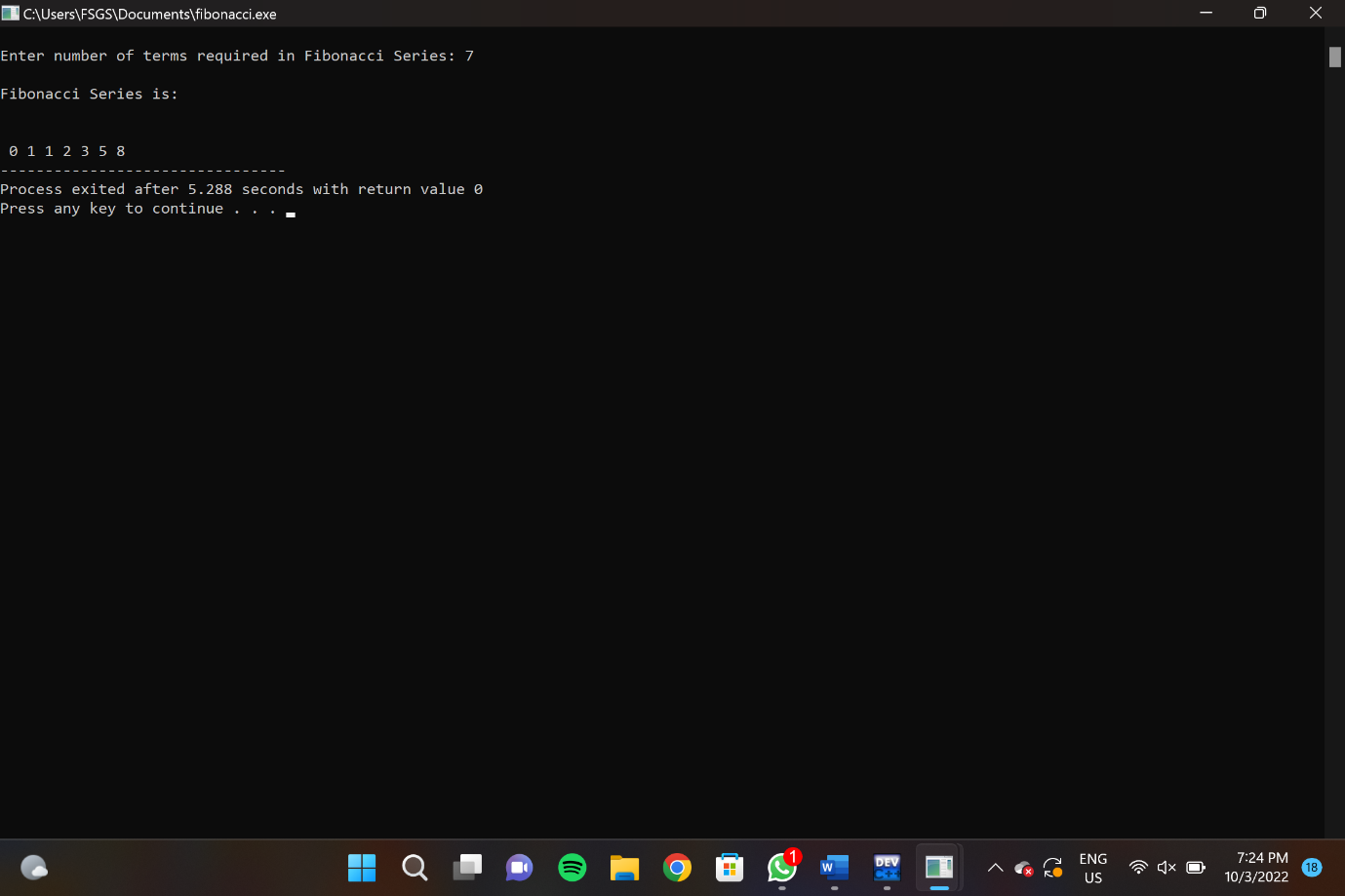
printf("%d ",sum);

}

return 0;

}

**OUTPUT:**

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