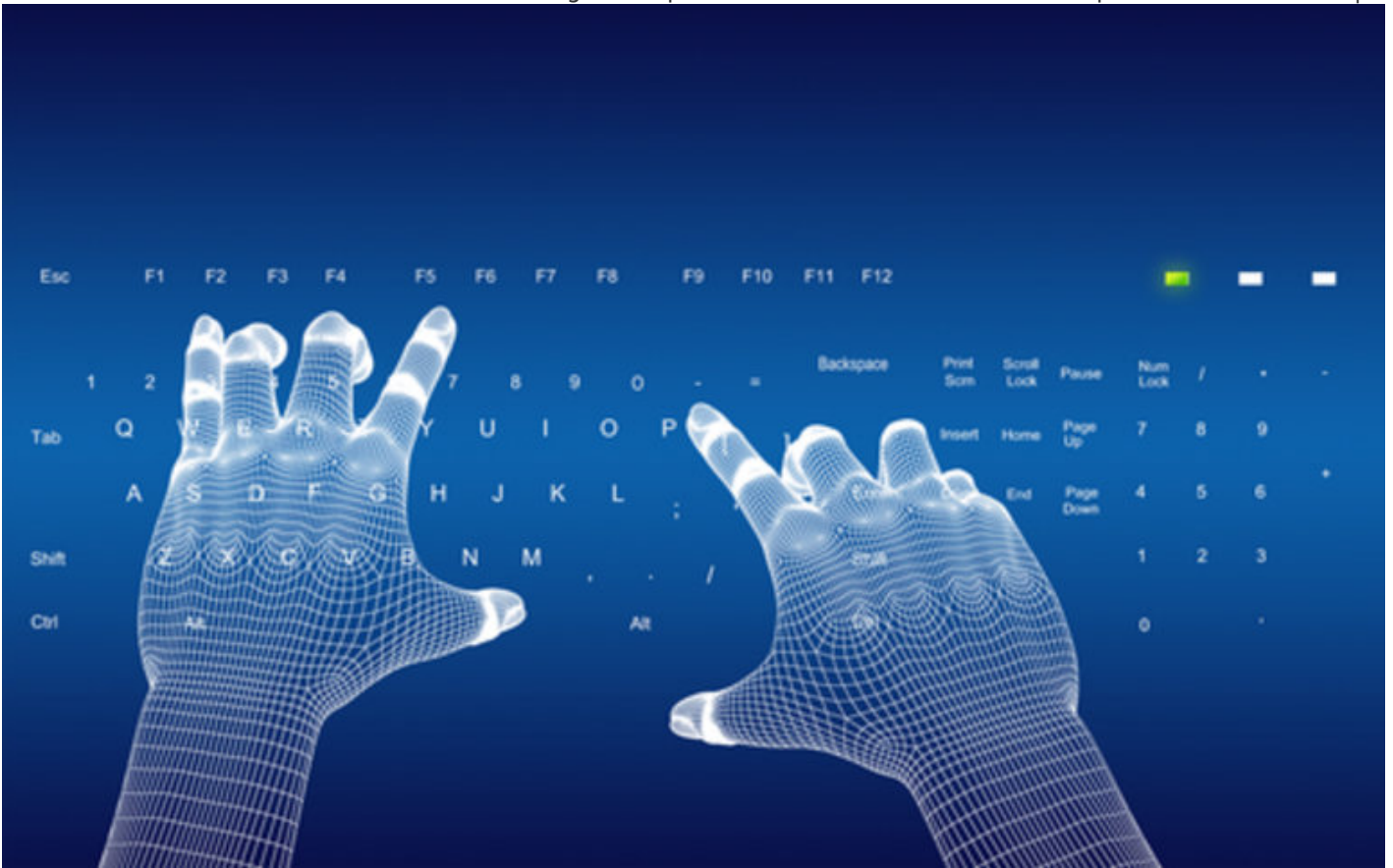




Fibonacci series each member is the sum of the last two terms except the first and second term.
The following C program prints the members of the Fibonacci series upto a certain number, given by the user.

PROGRAM:

```

/*****
*****FIBONACCI*****
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*****/
#include<stdio.h>
void fibonacci(int n){
    int x[2];
    int y;
    x[0]=0;
    x[1]=1;
    printf("\n0\n1");
    y=x[0]+x[1];
    while(y<=n){
        printf("\n%d",y);
        x[0]=x[1];
        x[1]=y;
        y=x[0]+x[1];
    }
}
main(){
    int n;
    printf("Enter a number till which you want to generate Fibonacci numbers:\n");
    scanf("%d",&n);
    printf("\nThe Fibonacci numbers till %d are: \n",n);
    fibonacci(n);
}

```

OUTPUT:

```

Enter a number till which you want to generate Fibonacci numbers:
400

The Fibonacci numbers till 400 are:

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

```



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I'm a physicist specializing in computational material science with a PhD in Physics from Friedrich-Schiller University Jena, Germany. I write efficient codes for simulating light-matter interactions at atomic scales. I like to develop Physics, DFT, and Machine Learning related apps and software from time to time. Can code in most of the popular languages. I like to share my knowledge in Physics and applications using this Blog and a YouTube channel.

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