PROBLEM SOLVING (24-06-24)

1)Print the non-Fibonacci series upto input given number?

Program: num = +prompt("enter no. of series :")

a=0,b=1,count=0;

while(count!=num){

for(i=a+1;i<b;i++){

count++

if(a>=num)

break

console.log(i)

if(count==num){

break

}

}

c=a+b;

a=b;

b=c

}

2)Print the prime numbers in the Fibonacci series

Program:Function Prime(n){

If(n>1){

c=0;

for(i=2;i<n;i++){

if(n%i==0){

c++

return false

}

}

If(c==0){

Return true

}

}

}

Num = +prompt(“enter the number:”)

a=0,b=1,s=” ”,i=1;

while(i<=num){

if(prime(a)){

s=s+a+” “;

}

C=a+b;

a=b;

b=c;

i++

}

Console.log(s)

3)Print the non-prime numbers in the Fibonacci series?

Program: Function Prime(n){

If(n>1){

c=0;

for(i=2;i<n;i++){

if(n%i==0){

c++

return false

}

}

If(c==0){

Return true

}

}

}

Num = +prompt(“enter the number:”)

a=0,b=1,s=” ”,i=1;

while(i<=num){

if(!prime(a)){

s=s+a+” “;

}

C=a+b;

a=b;

b=c;

i++

}

Console.log(s)