

Q 1. write an algo. and prepare a flowchart to display the table ?

ans =>

```
# include <iostream>
using namespace std;
```

```
int main ()
{
    int n;
```

```
    cout << "Enter a number:";
```

```
    cin >> n;
```

```
    for (int i=1; i<=n; ++i) {
        for (int j=1; j<=10; ++j) {
```

```
            cout << j << "x" << i << "=" << j*i;
```

```
            if (j!=10) {
                cout << ", ";
```

```
            }
```

```
            else {
```

```
                cout << endl;
```

```
            }
```

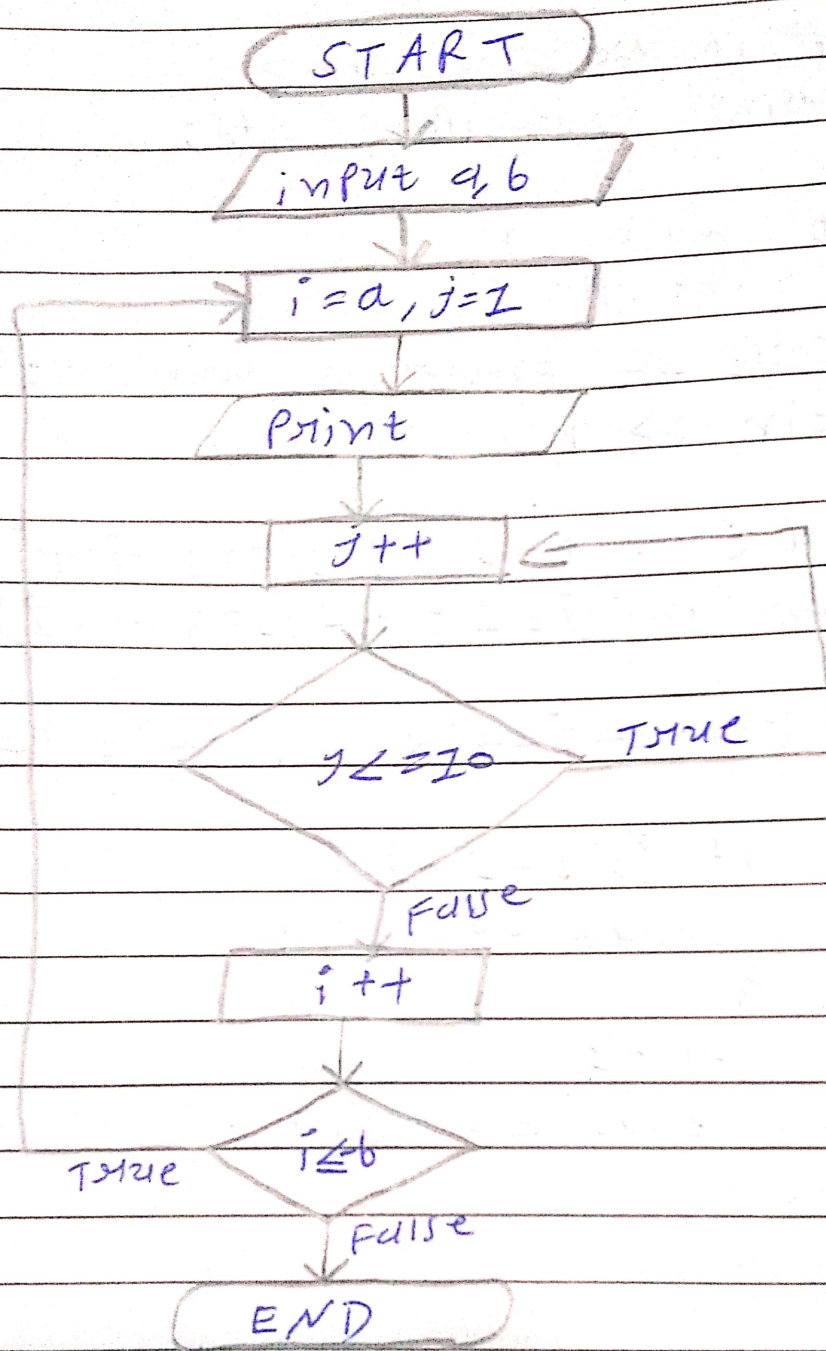
```
        }
```

```
    }
```

```
}
```



## Flow Chart :-





Q.2 write a algo and prepare a flowchart to display fibonacci series.

ans  $\Rightarrow$

```
#include <iostream>
using namespace std;
```

```
int main()
```

```
{
```

```
    int t1=0, t2=1, t3=0, n;
```

```
    cout << "Enter a number" << endl;
```

```
    cin >> n;
```

```
    for (int i = 1; i <= n; ++i) {
```

```
        if (i == 1) {
```

```
            cout << t1 << " ";
```

```
            continue;
```

```
        }
```

```
        if (i == 2) {
```

```
            cout << t2 << " ";
```

```
            continue;
```

```
        }
```

```
        t3 = t1 + t2;
```

```
        t1 = t2;
```

```
        t2 = t3;
```

```
        cout << t3 << " ";
```

```
    }
```

```
}
```



# Flow Chart

