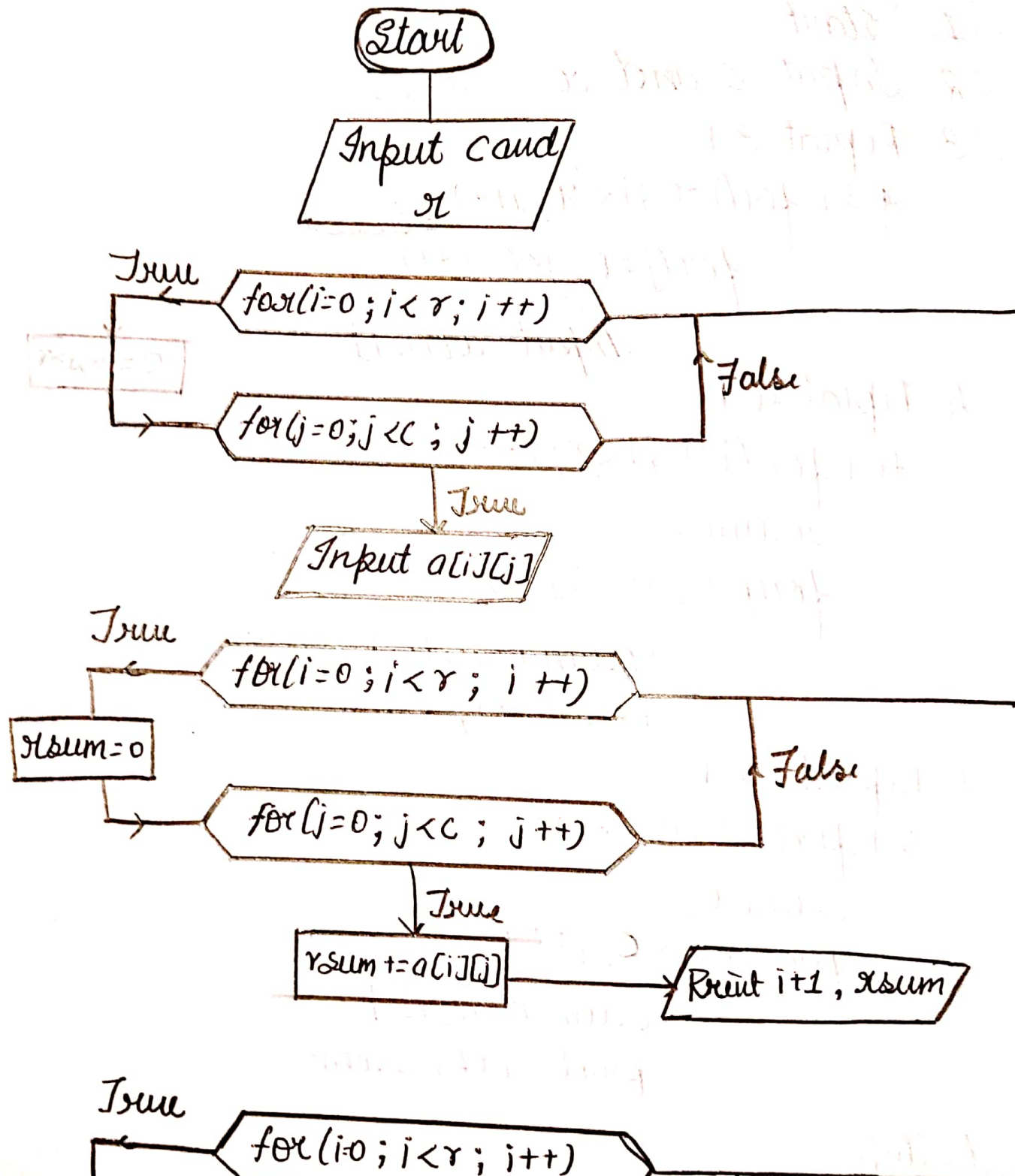


Algorithm

1. Start
2. Input C and r
3. Repeat 3.1
 - 3.1 for($i=0; i < r; i++$) ~~do~~
for($j=0; j < C; j++$)
Input $a[i][j]$
4. Repeat 4.1
 - 4.1 for ($i=0; i < r; i++$)
rsum = 0
for($j=0; j < C; j++$)
rsum += $a[i][j]$
Print $i+1$, rsum
5. Repeat 5.1
 - 5.1 for($i=0; i < r; i++$)
csum = 0
for($j=0; j < C; j++$)
csum += $a[j][i]$
print $i+1$, csum
6. Stop.

Flowchart



C (gcc 6.3) ▼



Code gets autosaved every second

```
1 #include<stdio.h>
2 int main()
3 {
4     int a[10][10],i,j,r,c;
5     int rsum=0,csum=0;
6     printf("Enter the number of rows and column:\n");
7     scanf("%d%d", &c, &r);
8     printf("Enter array element\n");
9     for(i=0;i<r;i++)
10    {
11        for(j=0;j<c;j++)
12        {
13            scanf("%d", &a[i][j]);
14        }
15    }
16    for(i=0;i<r;i++)
17    {
18        rsum=0;
19        for(j=0;j<c;j++)
20        {
21            rsum+=a[i][j];
22        }
23        printf("Sum of the rows %d is %d\n",i+1,rsum);
```

0:0

Open File

Custom Input

```
3 3
1 2 3 4 5 6 7 8 9
```

Status Successfully executed Date 2020-06-12 10:23:18 Time 0 sec M

Input

```
3 3
1 2 3 4 5 6 7 8 9
```

Output

```
Sum of the rows 1 is 6
Sum of the rows 2 is 15
Sum of the rows 3 is 24
Sum of the column 1 is 12
Sum of the column 2 is 15
Sum of the column 3 is 18
```