```c
#include<stdio.h>
#include<conio.h>
int a[20][20],q[20],visited[20],n,i,j,f=0,r=-1;
void bfs(int v) {
      for (i=1;i<=n;i++)
        if(a[v][i] && !visited[i])
          q[++r]=i;
      if(f<=r) {
            visited[q[f]]=1;
            bfs(q[f++]);
      }
}
void main() {
      int v;
      clrscr();
      printf("\n Enter the number of vertices:");
      scanf("%d",&n);
      for (i=1;i<=n;i++) {
            q[i]=0;
            visited[i]=0;
      }
      printf("\n Enter graph data in matrix form:\n");
      for (i=1;i<=n;i++)
        for (j=1;j<=n;j++)
          scanf("%d",&a[i][j]);
      printf("\n Enter the starting vertex:");
      scanf("%d",&v);
      bfs(v);
      printf("\n The node which are reachable are:\n");
      for (i=1;i<=n;i++)
        if(visited[i])
          printf("%d\t",i); else
          printf("\n Bfs is not possible");
      getch();
}
```