```c
#include<stdio.h>
void warshal(int p[10][10],int n) {
int i,j,k;
for (k=1;k<=n;k++)
for (i=1;i<=n;i++)
for (j=1;j<=n;j++)
p[i][j]= p[i][j] || (p[i][k] && p[k][j]);
}
void main() {
int p[10][10], n, i,j;
printf("\n Enter the number of vertices:");
scanf("%d",&n);
printf("\n Enter the Adj matrix:");
for (i=1;i<=n;i++) {
for (j=1;j<=n;j++){
scanf("%d",&p[i][j]);
}
}
printf("\n Matrix of input data: \n");
for (i=1;i<=n;i++) {
for (j=1;j<=n;j++)
printf("%d\t",p[i][j]);
printf("\n");
}
warshal(p,n);
printf("\n Transitive closure: \n");
for (i=1;i<=n;i++) {
for (j=1;j<=n;j++)
printf("%d\t",p[i][j]);
printf("\n");
}
}
```