Experiment - 12.

```
#include <stdio.h>
# define V5
void int (int aor[][V]) {
  for (int i=0; i<V ; i++) {
    for (int j =0 ; j<V; j++){
        arr[i][j] = 0;
  }
}
}
void insert Edge (int aor [][V],
int j){
    arr[i][j] = 1;
    arr[j][i] = 1;
}
void print AdjMatrix (int arr[][V])
    printf("Adjacency matrix : \n");
    for (int i = 0; i<V; i++) {
    for (int j =0 ; j<V ; j++){
    printf("%d", arr[i][j]);
}
    printf("\n");
}
int main(){
 int adjmatrix[V][V];
 int (adjmatrix),
 insert Edge (adjmatrix, 0, V);
insert Edge (adjmatrix, 0, 4);
insert Edge (adjmatrix, 1, 2);
insert Edge (adjmatrix, 1, 3);
insert Edge (adjmatrix, 1, 4);
```

```
insertEdge(adjmatrix, 2, 3);
insertEdge(adjmatrix, 3, 4);
return 0;
}
```

O/P:-

Adjacent Matrix.

```
0 1 0 0 1
1 0 1 1 1
0 1 0 1 0
0 1 1 0 1
1 1 0 1 0
```