```
# include < stdio.h>
int main()
  int a[5][5], 9, (1);
  printf ("In Enter the number of nows and columns of the
  matrix ");
  scanf ("%d%d", 47, 40);
 printf ("Enter the elements of the matrix (n");
  fon(i=0; i<n; i++)
   for (i=0; j<c; j++)
  scanf (" T.d", facij[j]);
  printf (" The matrix before transpose islo");
  for (i=0; i(n; i++){
   printf("lo");
  fon ( j=0; j(C; j++)
  printf ("IdIt", a Ci)[j]);
  printf("In The matrix after transpose is in");
  fon (i=0; izn; i+t){
   printf ("\n");
  for (jzo; jc(; j+t)
   printf (" "d Lt", a [j][i]);
  neturn 0;
```