```
i) Solve tower of Haroi.
 #include (Stdio.h)
 void towers & (int, char, char, char)'
 int main ()
  int num;
 prints (" Enter the number of disks!"),
 Scarf (" 1.d", & num)',
 pents (" the sequence of moves involved in the tower of hanoi ari'm
 towers (num, 'A', 'C', 'B');
Setuen O',
 void towers (int num, char a char b, char c)
 in (num == 1)
  print ("In Nove disk I from peg 1.c to peg 7.c", a,b);
 setuen',
Towers (num-1, a, b, c)
 print (" to In move disk 1.d from pegy.c to peg 1.c", num, a, b);
 towers (num-1, c, b, a);
```

if (ose [i] < see [i]) of

are [i] + = are [j]

S. R. BOJA aertj7= aer (i) - aer (j); 1 BM19CS135 all [i] = all [i] - all [j]; 3 end = clock (); pent (" Time in sec 1.1/10"), (((double) (end-start)) / Clock_PER_GEC)); for (ist i=0; it last; i++)[penty ("Y. d It", are (ij)", 3