

```
(i) \rightarrow (0 - (n-1))
  (min) = () se start hoga hamesha!
   (i) -> (i+1) se start hoga and (end) tak jayega!
public static void selection Sort (int [] arr) {
                                     ploop for Journey liternations
  int n = arx. length;
  for (int i=0; i<n-1; i++) {}
     for (int j = itl; j < n; j++) {] sloop for Comparsion if lissmallow
   int minidx = i;
         if (issmaller (arr, j, minidx) {
              minidx =j;
     swap (axx, i, minidx);
Hused for swapping (in) and (in) elements of array.
public static void swap (int [] arr, int i, int j) {
 System.out.println ("swapping" + arr[i] + "and" + arr[j]);
   int temp = arr [i];
   arreij = arrejj;
Vseturning true if (the element is smaller than (in) element.
public static boolean is Smaller (int Darr, int i, int j) {
System.out.println ("Comparing" + arr [i] + "and" + arr [j]);
    if (arrei] carrej]) {
        seturn true;
    3 else {
         servery fulse;
public Static void print (int [] arr]{
   for (inti=0; i < arr. length; i++) {
         syso (arr [i]);
public static void main (String EJ args) {
 scanner s = new scanner (system.in);
 int h = s. hex+Int();
  int[] arr = new int [n];
  for (inti= 0; i < n; i++) {
      arrij = s.nextIntl);
   "selections ort (arr);
```