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| --- |
| package Java;  public class tugas {  public static void main(String[] args) {  int [] angka = {21, 23, 26, 12, 15};  for (int i = 0; i < angka.length-1; i++){  for (int j = 0; j < angka.length-1-i; j++){  if (angka[j + 1] < angka[j]){  int temp = angka[j];  angka[j] = angka[j + 1];  angka[j + 1] = temp;  }  }  }  System.*out*.print("Array yang telah di sorting = ");  for (int i = 0; i <angka.length; i++) {  System.*out*.print(angka[i] + " ");  }  int cari = 23;  int a = 0;  int b;  int c = angka.length - 1;  while (a <= c){  b = (a+c)/2;  if (angka[b] == cari){  System.*out*.println("\nCari angka = " + cari);  System.*out*.println("Angka berada di index " + b);  break;  } else if (angka[b] < cari){  a = b + 1;  } else if (angka[b] > cari){  c = b - 1;  }  }  } } |

Output

