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| Pertemuan 3 |
| // Nanang Tri Nur Wicaksono  // 231011700253  //Algoritma pencarian bagi 2  #include<iostream>  using namespace std;  int binarySearch(int arr[10],int size,int search){  int low = 0;  int high = size-1;  int sizes = sizeof(arr) / sizeof(arr[0]);  while(low <= high){  int mid = low + (high - low) / 2;  if(arr[mid] == search)  return mid;  else if(arr[mid] < search)  return low = mid + 1;  else{  return high = mid - 1;  }  }  // return -1;  }  int main(){  int data[10]= {2,5,7,8,10,23,25,30,50,100};  int size = sizeof(data) / sizeof(data[0]);  int search;  cout<<"Masukka data yang dicari : ";  cin>>search;  int res = binarySearch(data,size,search);  if(res >= 0)  cout<<"data index "<<res<<endl;  else  cout<<"data ga ada "<<endl;    } |
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