Binary Search

```
int binSearch(int arr[], int size, int target){

int low = 0;

int high= size - 1;

int mid = 0;

while (low <= high){

mid = (low + high) / 2;

if(target == arr[mid]){

return mid;

} else if(target > arr[mid]){

low = mid + 1;

} else { //target < arr[mid]

high = mid - 1;

}

} //while

return -1; //target not found

}
```