

Question 1

Implement Linear Search using python.

Problem: Given an array `arr[]` of `n` elements, write a function to search a given element `x` in `arr[]`.

Examples :

```
Input : arr[] = {10, 20, 80, 30, 60, 50,
                  110, 100, 130, 170}
```

```
x = 110;
```

Output : 6

```
Element x is present at index 6
```

```
Input : arr[] = {10, 20, 80, 30, 60, 50,
                  110, 100, 130, 170}
```

```
x = 175;
```

Output : -1

```
Element x is not present in arr[].
```