Previous Smaller Element

arr = [3, 1, 0, 8, 6]

Pseudocode

```
vector <int> ans;
stack <int> s;
for(i=0; i<n; i++){
while(s.size() > 0 && s.top() >= arr[i]){
    s.pop()
}

if (s.empty()) → -1
else
s.push(arr[i])
}
```

$$T.C = O(n)$$
$$S.C = O(n)$$