

```
In [2]: array = [-2,1,-3,4,-1,2,1,-5,4]
def maxSubArray(arr):
    currSum = 0
    maxsum = -99999
    for i in range(len(arr)):
        currSum = max(currSum+arr[i],arr[i])
        maxsum = max(currSum,maxsum)
    return maxsum
print('Maximum sum of a subarray is :',maxSubArray(array))
```

Maximum sum of a subarray is : 6