Practical 8

Aim: Write a python program to implement heappush and heappop operation.

**Code:**

import heapq

li=[5,7,9,1,3]

heapq.heapify(li)

print("The created heap is:",end="")

print(list(li))

heapq.heappush(li,4)

print("The modified heap after push is:",end="")

print(list(li))

print("The popped and smallest element is:",end="")

print(heapq.heappop(li))

**Output:**

