Name : Ujjwal S Patil

Registration No : 2021BIT019

Subject : DAA

Practical No 02

Aim : Sum of array using recursion

```java
public class arraysum {

    public int arraysumm(int[] arr,int size){
        if(size<=0){
            return 0;
        }
        return arr[size-1] + arraysumm(arr, size-1);
    }
    public static void main(String[] args) {
        arraysum A = new arraysum();
        int[] a = {1,2,3,4,5,6,7};
        int b = A.arraysumm(a, a.length);
        System.out.println(b);
    }
}
```

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS


ADMIN@UJJWAL MINGW64 ~/Desktop/DAA/DAA practical
$  /usr/bin/env C:\\Program\ Files\\Java\\jdk-19\\bin\\java.exe -XX:+
er\\workspaceStorage\\c2cadd11e399ab2998c438899be08a9e\\redhat.java\\
28
```

Aim : Find min and max in the array

```java
public class maxminarr {
    public void maxmin(int[] arr,int size){

        int min = arr[0];
        int max = arr[0];
        for(int i=0;i<size;i++){
            if(min>arr[i]){
                min = arr[i];
            }
            if(max<arr[i]){
                max=arr[i];
```

```java
            }
        }
        System.out.println(min);
        System.out.println(max);
    }
    public static void main(String[] args) {
        maxminarr A = new maxminarr();
        int[] a = {1,2,0,4,5,99,7};

        A.maxmin(a,a.length);
    }

}
```

```
ADMIN@UJJWAL MINGW64 ~/Desktop/DAA/DAA practical
$  /usr/bin/env C:\\Program\ Files\\Java\\jdk-19\\bin\\java.exe -XX:+Sl
er\\workspaceStorage\\c2cadd11e399ab2998c438899be08a9e\\redhat.java\\j
0
99
```