```
# for printing all the Subarray's

for (int Speo; Spen; Spen) // Sp: Start point

for (int epeo; epen; epen) // epend point

for (int i=Sp; i=ep; i+1)

for (int i=Sp; i=ep; i+1)
```

```
# If you want to print Sum of Each

Subarray...

int PSUM() = prefixSum(arr);

prefixm of arr

fre(int sp=0; sp<n; sp++)

{

for(int ep=sp; cp<n; ep++)

{

ib(sp==0)

print(psum(ep));

else

print(psum(ep)-psum(p-1))

}
```

-> 11 [sp, ep] -> Our valid Subarray

Value Occurance arr(0) = 54 times 3 = 5 \* 4 = 20 arr(1) = 36 times 3 = 1 \* 6 = 18 arr(2) = -16 times 3 = -1 \* 6 = -6 arr(3) = 8 4 + 1 = 8 3 = 20 + 18 - 6 + 32 = 64

Generalising,

Arr [4]: \{5 3 -1 8 \}

1 1 1 1

no. of times: \(\frac{1}{2}\) \(\frac{1}{2}\) \(\frac{1}{2}\) \(\frac{1}{2}\)

ans \(-\left(\frac{1}{2}\) \(\frac{1}{2}\) \(\f

## Finding Occurance Ex: \( \frac{2}{3} - 2 \) 4 \( \frac{1}{4} \) 2 6 \( \frac{2}{3} \) A Subarray which includes \( \frac{1}{4} \) is having: Sp ep 0 \( \frac{3}{3} \) \( \frac{3}{4} \) \(

## Interest and code int and =0; for (int i=0; i<n; i+t) $\begin{cases} \text{int occ} = (i+1)*(n-i); \\ \text{and} t = (occ * arr(i)); \end{cases}$