Arrays as Parameters

- The following function is taking parameter as an array , **int A[ ]** ,the declared array must be empty and its size must be provides as follows **int n**

- The reason for array in parameter being empty is because it acts as a pointer

- Arrays cannot be passed as values , arrays can only be passed by address *in c or cpp*

- As its call by address its possible to change the values of the arrays
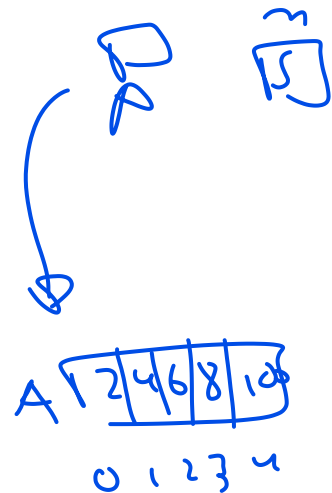
or *A

this is pointer to an array

```
void fun(int A[ ] , int n)
{
    int i;
    for(i=0; i<n ; i++)
        printf("%d"; A[i]);
}

int main()
{
    int A[5] = {2,4,6,8,10};
    fun(A,5);
}
```
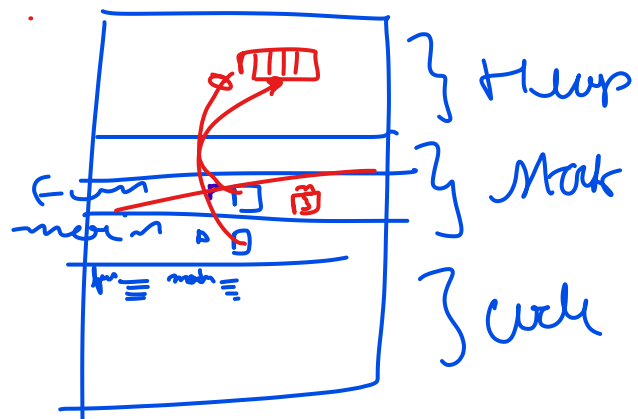
A | 2 | 4 | 6 | 8 | 10 |
 0 1 2 3 4

*A : Any integer or array
A [] : Just Array

[ ] } Some compiler don't allow this

Heap
Stak
code

* See code :)