

# Static vs Dynamic Arrays

```
#include <stdio.h>
#include <stdlib.h>

int main()
{
    int A[5]={2,4,6,8,10};
    int *p;
    int i;

    p=(int *)malloc(5*sizeof(int));
    p[0]=3;
    p[1]=5;
    p[2]=7;
    p[3]=9;
    p[4]=11;

    for(i=0;i<5;i++)
        printf("%d ",A[i]);

    printf("\n");
    for(i=0;i<5;i++)
        printf("%d ",p[i]);

    return 0;
}
```