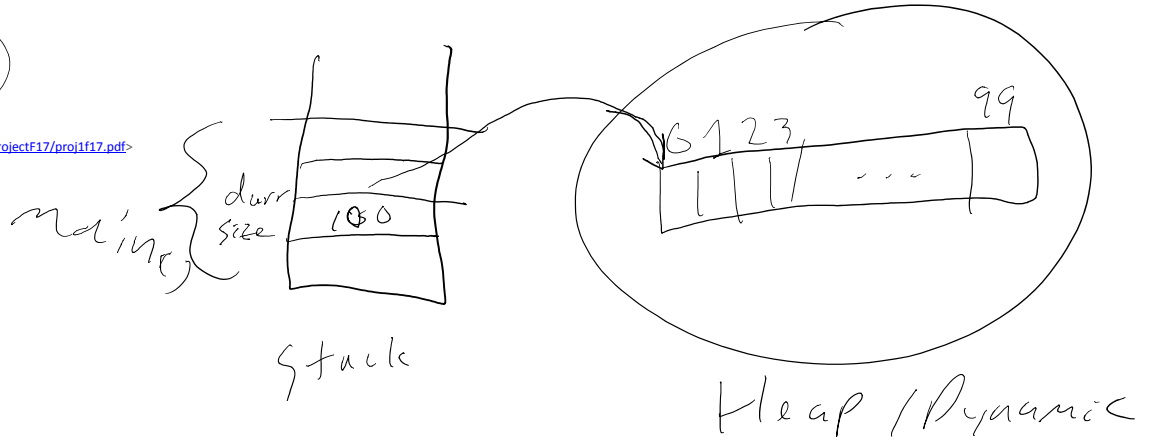


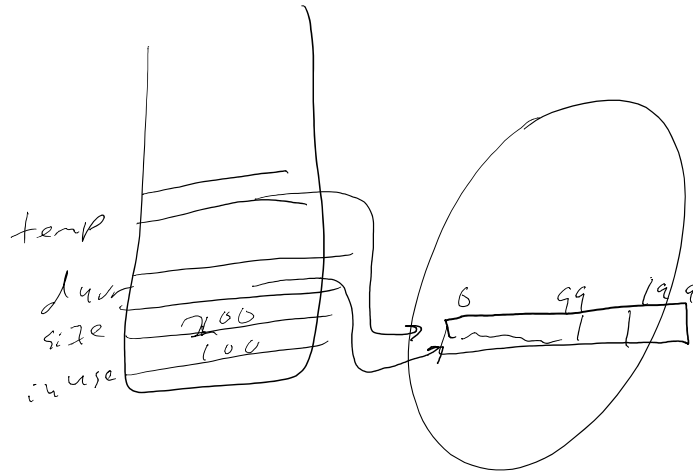
```
int *darr;
int size = 100;
darr = (int *) malloc (size * sizeof(int) );
int inUse = 0;
int arr2[50];
int arr3[size];
```

From <<https://www3.cs.uic.edu/pub/CS211/ProjectF17/proj1f17.pdf>>



```
loop ( input != -999 )
{
    scanf ("%d", & input);

    /* check if array is full */
    if ( inUse == size )
    {
        int *temp;
        temp = (int *) malloc ( size * 2 * sizeof(int) );
        int i;
        for ( i = 0 ; i < size ; i++ )
            temp[i] = darr[i];
        free (darr);
        darr = temp;
        size = size * 2;
    }
}
```



/* From <<https://www3.cs.uic.edu/pub/CS211/ProjectF17/proj1f17.pdf>> */

```
darr[inUse] = input;
inUse++;
}
```

