

```
#include<stdio.h>
#include<stdlib.h>
int main()
{
    int tampon1;
    double *ftab;
    int tampon2;
    int i;
    double f;
    f=0;
    ftab=(double*)malloc(20);
    for (i=0;i<19;i++)
    {f=f+2.5;
    ftab[i]=f;
    printf("ftab [ %i ] = %g \n",i,ftab[i]);
    };
    printf("adresse de tampon2 = %x \n",&tampon2);
    printf("adresse de ftab = %x \n", &ftab);
    printf("adresse de tampon1 = %x \n", &tampon1);
    printf("adresse de la première case du tableau = %x \n",ftab);
    printf("adresse de la dernière case du tableau = %x \n",&ftab[19]);
    tampon1=(int)ftab;
    tampon2=(int)&ftab[19];
    tampon1=(tampon2-tampon1)/18;
    printf("la taille d'allocation est de %i octets \n",tampon1);

    return 0;
}
```