

## Contenu

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### Exercice 1

```
#include<stdio.h>
int main()
{
    int i, j;
    for(i = 1; i <= 5 ; i++){
        for(j = 1; j < 5-i+1 ; j++ )
            printf(" ");
        for(j = 1; j <= i*2-1; j++){
            printf("%d", j);
        }
        printf("\n");
    }
    return 0;
}
```

### Exercice 2

```
#include<stdio.h>
int main()
{
    int a, b, r, i;
    printf("entrez a: ");
    scanf("%d",&a);
    printf("entrez b: ");
    scanf("%d",&b);
    r = 1;
    for(i = 0; i<b; i++)
        r *= a;
    printf("resultat: %d", r);
    return 0;
}
```

### Exercise 3

```
#include<stdio.h>
int main()
{
    int choix, n, quitter;
    n = 0;
    quitter = 0;
    do{
        printf("la valeur de n : %d\n", n);
        printf("\n 1. Ajouter 2\n");
        printf("\n 2. Multiplier par 3\n");
        printf("\n 3. Soustraire 5\n");
        printf("\n 4. Quitter\n");
        printf("\n Veuillez saisir votre choix\n");
        scanf("%d", &choix);
        switch(choix){
            case 1: n += 2; break;
            case 2: n *= 3; break;
            case 3: n -= 5; break;
            case 4: quitter = 1; break;
        }
    }while(sortir != 1);
    return 0;
}
```