Examen 2015/2016

Exercice 1

```c
#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

```c
#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;
}
```

Exercice 3

```c
#include<stdio.h>
int main()
{     int choix, n, sortir;
      n = 0;
      sortir = 1;
      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 Veullez 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: sortir = 0; break;
           }
      }while(sortir == 1);
 return 0;
}
```