Correction des exercices de C - TP5

votant.c

```c
#include <stdio.h>
int
main()
{
  int i;

  printf("Votre age :\n");
  scanf("%d", &i);

  if(i>=18){
    printf("vous avez le droit de voter\n");
  }else{
    printf("vous n'avez pas le droit de voter\n");
  }

  return 0;
}
```

jours.c

```c
#include <stdio.h>
int
main(){
  int i;

  printf("Donnez une annee:\n");
  scanf("%d", &i);

  if(i>0){
    if ((i%4==0 && i%100!=0) || (i%400==0))
      printf("Annee bissextile : 366 jours et 29 jours en fevrier\n");
    else
      printf("Annee non bissextile : 365 jours et 28 jours en fevrier\n");
  }
  else
    printf("Annee incorecte\n");

  return 0;
}
```

horizon.c

```c
#include <stdio.h>
int
main()
{
  int i, n;

  printf("Donnez un entier :\n");
  scanf("\%d", &n);

  for(i=1;i<=n;i++){
    printf("*");
  }
  printf("\n");

  return 0;
}
```

vertical.c

```c
#include <stdio.h>
int
main()
{
  int i, n;

  printf("Donnez un entier :\n");
  scanf("\%d", &n);

  for(i=1;i<=n;i++){
    printf("*\n");
  }
  printf("\n");
  return 0;
}
```

carre1.c

```c
#include <stdio.h>
int
main()
{
  int i, n;

  printf("Donnez un entier :\n");
  scanf("\%d", &n);

  for(i=1;i<=n;i++){
    printf("*\n");
  }
  printf("\n");
  return 0;
}
```

triangle1.c

```c
#include <stdio.h>
int
main()
{
  int i, n, j;

  printf("Donnez un entier :\n");
  scanf("\%d", &n);

  for(i=1;i<=n;i++){
    for(j=1;j<=i;j++){
      printf("*");
    }
    printf("\n");
  }

  return 0;
}
```

triangle3.c

```c
#include <stdio.h>
int
main()
{
  int i, n, j;

  printf("Donnez un entier :\n");
  scanf("\%d", &n);

  for(i=1;i<=n;i++){
    for(j=i;j<=n;j++){
      printf("*");
    }
    printf("\n");
  }

  return 0;
}
```

mult.c

```c
#include <stdio.h>

int
main()
{
  int j, k;

  for(j=0;j<=10;j++){
    for(k=0;k<=10;k++){
      printf("%d \t", j*k);
    }
    printf("\n");
  }

  return 0;
}
```