

Lenguaje de Programación: C++, INPUT OUTPUT(Variables)

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variable de tipo **bool**

```
#include <stdio.h>
using namespace std;
int main (){
    bool x=true;
    printf("El valor de x es: %d",x);
    return 0;
}
```

variable de tipo **short**

```
#include <stdio.h>
using namespace std;
int main (){
    short n;
    n=32;
    printf("El valor de n es: %d",n);
    return 0;
}
```

variable de tipo **int**

```
#include <stdio.h>
using namespace std;
int main (){
    int x=5;
    printf("El valor de x es: %d",x);
    return 0;
}
```

variable de tipo **float**

```
#include <stdio.h>
using namespace std;
int main (){
    float x=3.1416;
    printf("El valor de x es: %f",x);
    return 0;
}
```

variable de tipo **double**

```
#include <stdio.h>
using namespace std;
int main (){
    double x=3.1416;
    printf("El valor de x es: %lf",x);
    return 0;
}
```

variable de tipo char

```
#include <stdio.h>
using namespace std;
int main (){
    char a;
    a='r';
    printf("El valor de x es: %c",a);
    return 0;
}
```

variable de tipo **char***

```
#include <stdio.h>
using namespace std;
int main (){
    char* a;
    a="Una cadena de caracteres";
    printf("El valor de x es: %s",a);
    return 0;
}
```


variable de tipo **string**

```
#include <stdio.h>
#include <string>
using namespace std;
int main (){
    string a;
    a="Una cadena de caracteres";
    printf("El valor de x es: %s",a);
    return 0;
}
```

Ejemplo

```
#include <stdio.h>
int main(){
    printf ("Characters: %c %c \n", 'a', 65);
    printf ("Decimals: %d %ld\n", 1977, 650000L);
    printf ("Preceding with blanks: %10d \n", 1977);
    printf ("Preceding with zeros: %010d \n", 1977);
    printf ("Some different radixes: %d \n", 100);
    printf ("Some different radixes: %x \n", 100);
    printf ("Some different radixes: %o \n", 100);
    printf ("Some different radixes: %#x \n", 100);
    printf ("Some different radixes: %#o \n", 100);
    printf ("floats:%4.2f %+.0e %E\n",3.1416,3.1416,3.1416);
    printf ("%s \n", "A string");
    return 0;
}
```



Programming Principles and Practice Using C++, Bjarne Stroustrup.



<http://www.codeblocks.org>



<http://www.wxwidgets.org>