



Convert the binary number 01011100, into decimal.	The most appropriate data type of a variable that contains a username would be...	This utility will scramble data so that if it is intercepted, it would be unreadable.
In a CPU, the ALU stands for...	Write an algorithm which asks the user for their name, stores it in a variable, then outputs the message "Your name is x " (where x is the inputted name).	What is a compiler?



Convert the binary number 01011100, into decimal.

128	64	32	16	8	4	2	1
0	1	0	1	1	1	0	0

$$64 + 16 + 8 + 4 = \underline{92}$$

The most appropriate data type of a variable that contains a username would be...

String

This utility will scramble data so that if it is intercepted, it would be unreadable.

Encryption Software

In a CPU, the ALU stands for...

Arithmetic Logic Unit

Write an algorithm which asks the user for their name, stores it in a variable, then outputs the message "Your name is **x**" (where **x** is the inputted name).

```
name = input("Enter name")
print("Your name is" + name)
```

What is a compiler?

A translator which converts source code into machine code, in one go, producing an executable file, that the CPU can run without the translator needing to be present.