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- C has very powerful I/O capabilities
 - Reading a variable is relatively simple

```
command: scanf()
                          Value associated
 format to read
                          with format
format: "%type", &variable
                                          More on the & later
types:
           i \rightarrow int
           f \rightarrow float
           c \rightarrow char
```

```
    Reading variables examples
        Value associated

       format to read with format
         scanf("%type", &variable);
int ave;
scanf("%i", &ave); //reads from the keyboard and stores the value in ave
float foo;
scanf("%f", &foo); //reads from the keyboard and stores the value in foo
char initial;
scanf(" %c", &initial); //reads from the keyboard and stores the value in
initial
                      note the space before %c - it is critical
```

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 Each variable in a single scanf statement needs its own format descriptor

```
int count;
float ave;
char month;

printf("Enter an int for count, float for ave and character for month");
scanf("%i %f %c", &count, &ave, &month);
```