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- rand() Pseudo-Random Number Generator
 - In <stdlib.h>
 - Generates a series of random integer values between 0 and the value of RAND_MAX (32767 for us)
 - Uses a seed to generate the first random number
 - If you use the same seed, or the default seed (1), you will get the same series of random numbers every time you run the program
 - srand(seedval) sets the seed value for rand() seedval can be int or float
 - You can limit the range of rand() by using the modulo operator

Example

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- time()
 - In <time.h>
 - Returns the time since 00:00:00 UTC, January 1, 1970 in seconds
 - Can be used to generate a seed that is different every time a program is run

```
...
srand(time(NULL));  // set seed based on time – always different
...
while(1){
    ...
    val = rand() % 10;  // random: 0 <= val <= 9
    ...
}// end while</pre>
```