

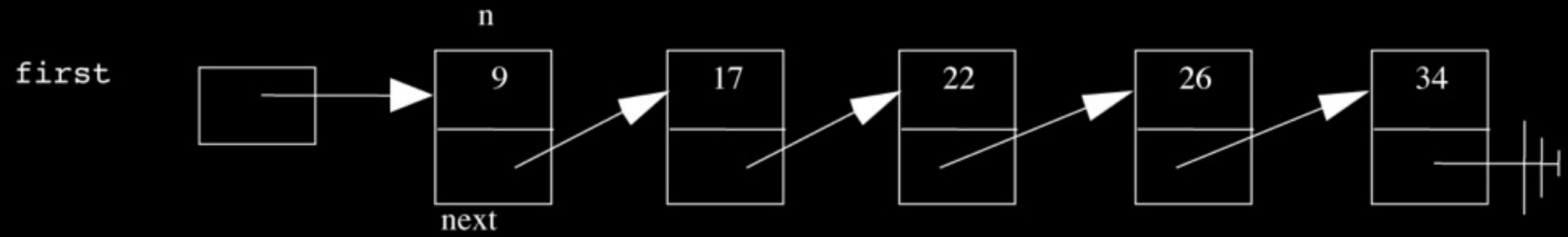
This is CS50.

# CS50 Check

```
check50 -c 2012/pset4/resize resize.c bmp.h
```

```
check50 -c 2012/pset4/recover recover.c
```

CS50 Library



```
typedef struct node
{
    int n;
    struct node *next;
}
node;
```



```
typedef struct
{
    int numbers[CAPACITY];
    int size;
}
stack;
```







```
typedef struct
{
    int head;
    int numbers[CAPACITY];
    int size;
}
queue;
```

# hash table

table[0]	
table[1]	
table[2]	
table[3]	
table[4]	
table[5]	
table[6]	
	⋮
table[24]	
table[25]	

In a room of  $n$  CS50 students, what's the probability that at least 2 students have the same birthday?

to be continued...