WHAT WILL BE THE OUTPUT OF THESE LINES OF CODE?

HINT: NOTE THE APPRESS OF OPERATOR ON THE INTEGER VARIABLES

```
int length = 10;
int breadth = 5;

int *length_ptr = &length;
int *breadth_ptr = &breadth;

// What will this print to screen? Specify the exact values.
printf("Printing dereferenced pointers:\n");
printf("%d\n", *length_ptr);
printf("%d\n", *breadth_ptr);
```

ANSWER

Printing dereferenced pointers:

HINT: NOTE THE PEREFERENCING OF THE POINTER, THIS MEANS WE'RE ACCESSING THE VALUE

WHAT WILL BE THE OUTPUT OF THESE LINES OF CODE?

```
int length = 10;
int breadth = 5;

int *length_ptr = &length;
int *breadth_ptr = &breadth;

// What will this print to screen? Exact values are not needed.
printf("Printing pointers:\n");
printf("%p\n", length_ptr);
printf("%p\n", breadth_ptr);
```

ANSWER

Printing pointers: 0x7fff5d4efb9c 0x7fff5d4efb98 HINT: NOTE THAT WE *PO NOT*
REFERENCE THE VALUE OF THE
POINTER

WHAT WILL BE THE OUTPUT OF THESE LINES OF CODE?

```
int length = 10;
int breadth = 5;

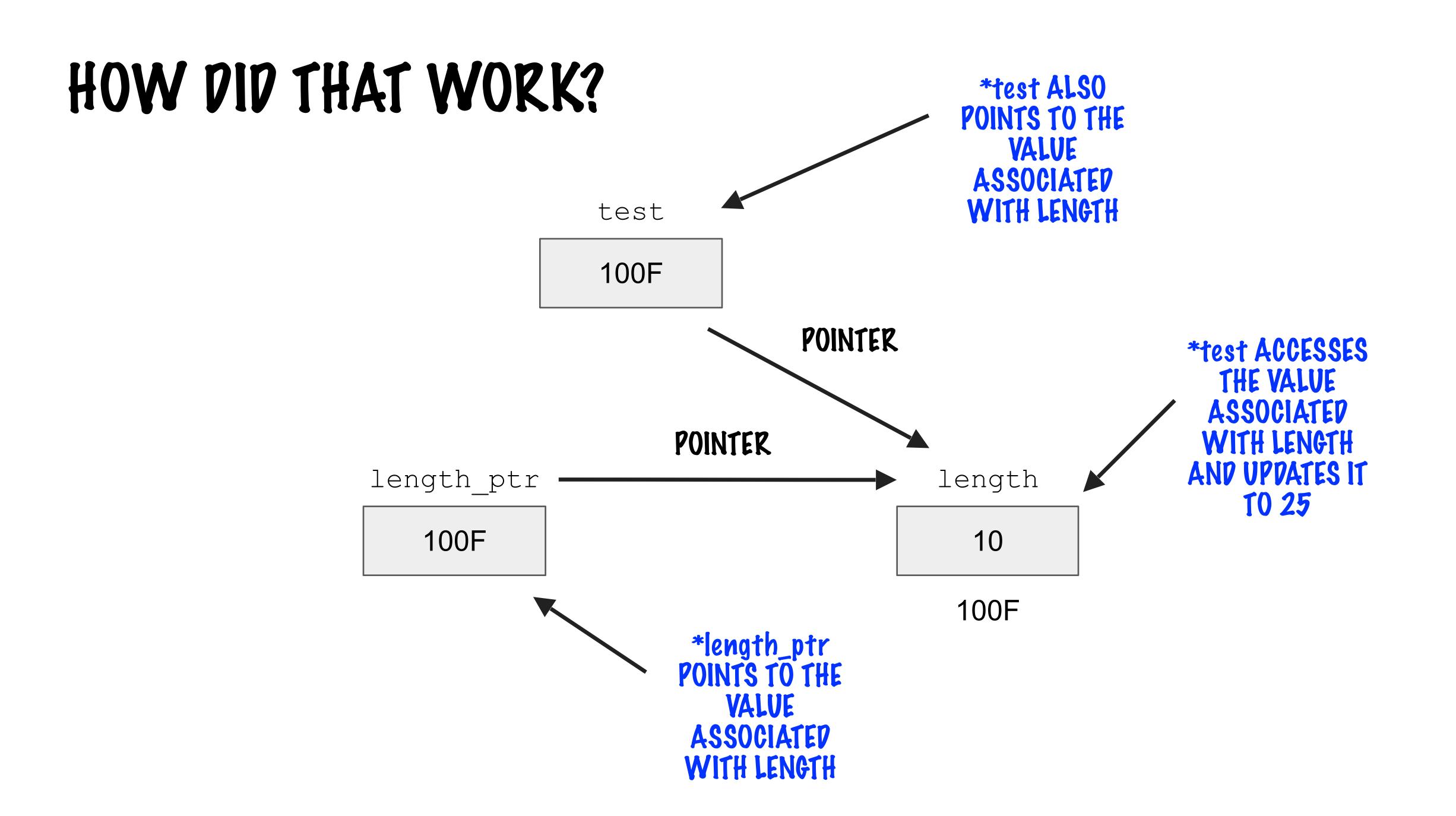
int *length_ptr = &length;
int *breadth_ptr = &breadth;

int *test = length_ptr;
 *test = 25;

// What will this print to screen?
printf("Printing length and bread values for the first time:\n");
printf("Length: %d\n", length);
printf("Breadth: %d\n", breadth);
```

ANSWER

```
Printing length and bread values for the first time:
Length: 25
Breadth: 5
```



WHAT WILL BE THE OUTPUT OF THESE LINES OF CODE?

```
int length = 10;
                                                                  Printing length and bread values for the first time:
                                  int breadth = 5;
                                                                  Length: 25
                                                                  Breadth: 5
                                                                  Printing length and bread values for the second time:
                                  int *length ptr = &length;
                                                                  Length: 25
                                  int *breadth ptr = &breadth;
                                                                  Breadth: 20
                                  int *test = length ptr;
                                  *test = 25;
                                  // What will this print to screen?
                                  printf("Printing length and bread values for the first time:\n");
                                  printf("Length: %d\n", length);
                                  printf("Breadth: %d\n", breadth);
                                  test = breadth ptr;
                                  *test = 20;
  HINT: NOTE THAT WE'RE
                                  // What will this print to screen?
CHANGING THE VALUE AT THE
                                  printf("Printing length and bread values for the second time:\n");
 LOCATION TO WHICH TEST
                                  printf("Length: %d\n", length);
         POINTS
                                  printf("Breadth: %d\n", breadth);
```

ANSWER