int main(void)
int il = 8;

Stack
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Trace of testswap

int i2 = 12;

```
  i2  12
  i1  8
```

Stack
printf("Before:  \%d \%d\n", i1, i2);
swap(&i1, &i2);
static void swap(int *piFirst, int *piSecond)
int iTemp;

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Stack
assert(piFirst != NULL);
assert(piSecond != NULL);
iTemp = *piFirst;
*piFirst = *piSecond;
*piSecond = iTemp;
Implicit return

Stack
printf("After:  %d %d\n", i1, i2);

Stack

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<table>
<thead>
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<tbody>
<tr>
<td>i1</td>
<td>12</td>
</tr>
<tr>
<td>i2</td>
<td>8</td>
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</tbody>
</table>
return 0;

Stack