Hey, It’s a simple array operation. What you have to do is to calculate the sum of the array elements in the given range.

Here as per question 7 elements are given {0, 2, 4, 6, 7 ,5, 3}.

The for loop as we can see is running seven times from 0-7 as indicated by the specified for loop:

for(n=0; n<8; n++)

result is a variable which is initialized initially with 0;

result+=array[n] is a short hand operation for result = result+array[n];

so accordingy we have:

0+0 = 0;

0+2 = 2;

2+4 = 6;

6+6 =12;

12+7 = 19;

19+5 = 24;

24+3=27;

So finally 27 is stored in result variable which is displayed;

In case, the loop runs for more numbers or higher range, then there is a possibility that some garbage value may add up to your answer. In any case you can find the size of the array by calculating :

Int n = sizeof(array)/sizeof(array[0]);

And check with the for loop condition to find whether the array is in bound or out of bounds,