

PLEASE ANSWER THE FOLLOWING:

Memory Map		
POINTER	VALUE	*(LIST + index)
EF017B30	3	3
EF017B34	5	5
EF017B38	7	7
EF017B3C	9	9
EF017B40	11	11

- A. Assume sizeof(int) is 4, and the following array declaration, complete the Memory Map above.

```
        :  
int LIST[5] = {3, 5, 7, 9, 11};  
        :
```

- B. What is the data type of &LIST[index]? **POINTER**
C. What is the data type of LIST[index]? **INTEGER**
D. What is the data type of LIST? **ARRAY**
E. How many bytes were allocated for the use of array LIST[]? **20**
F. What is the value of *(LIST + 1)? **5**
G. What is the value of &LIST? **EF017B30**
H. What is the size of the array? **5**
I. Write the array declaration for the following:
A class consists of 5 students, and the class must publish the result of all those students. You need a table to store all those five students' names, subjects' names, and marks.

String table[5][3];