**C-PROGRAMMING HOME WORK QUESTIONS AND ANSWERS**

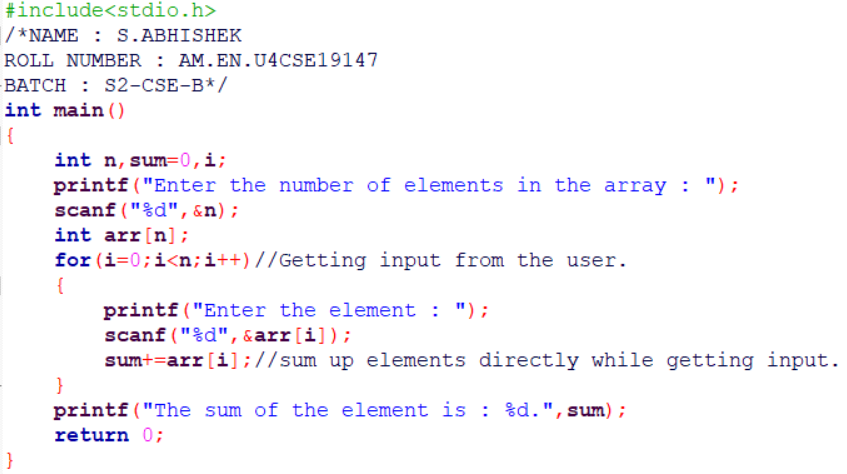
**S.ABHISHEK**

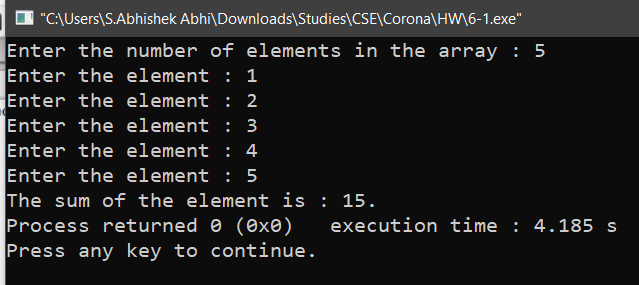
**AM.EN.U4CSE19147**

**CSE – B BATCH**

**QUESTION : 1**

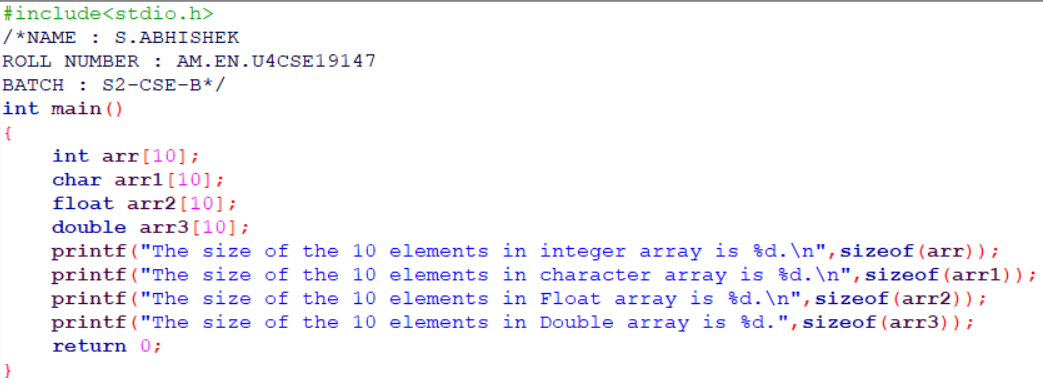
**SUM OF THE ELEMENTS IN THE ARRAY:**

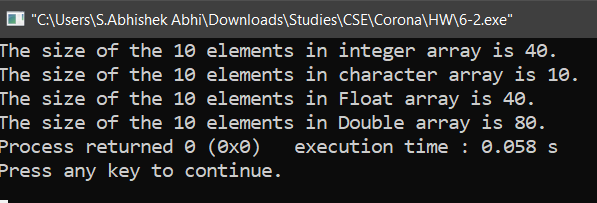




**QUESTION : 2**

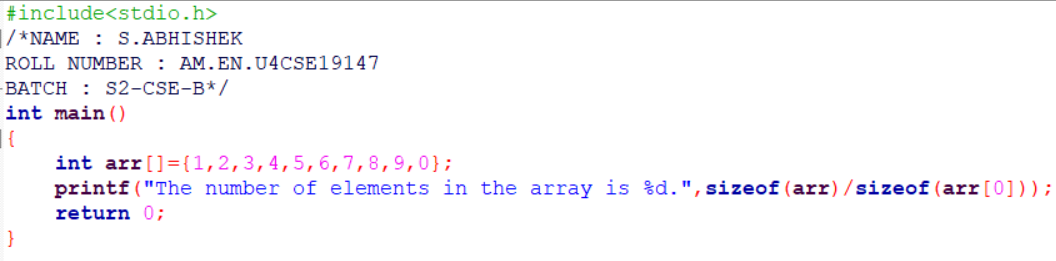
**FIND THE SIZE OF THE ARRAY OF DIFFERENT DATA TYPES:**

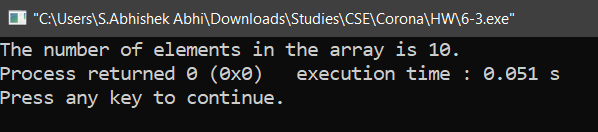




**QUESTION : 3**

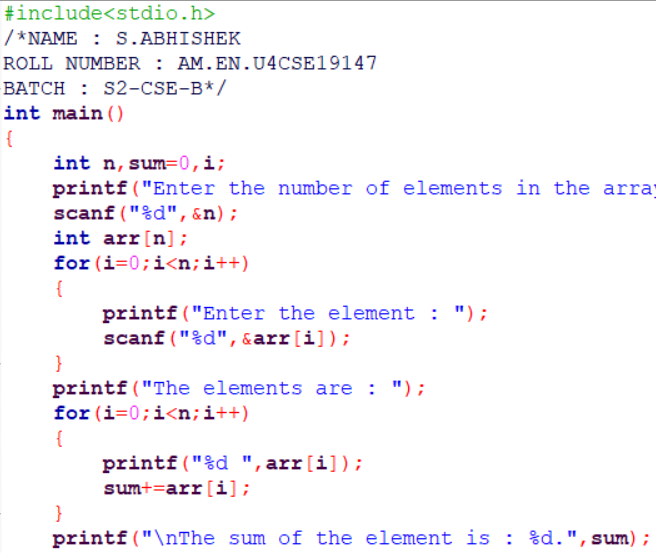
**FIND NUMBER OF ELEMENTS IN THE ARRAY USING SIZEOF**( ) **FUNCTION :**

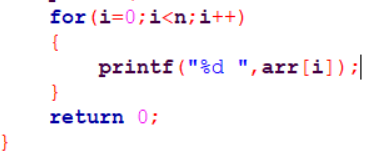


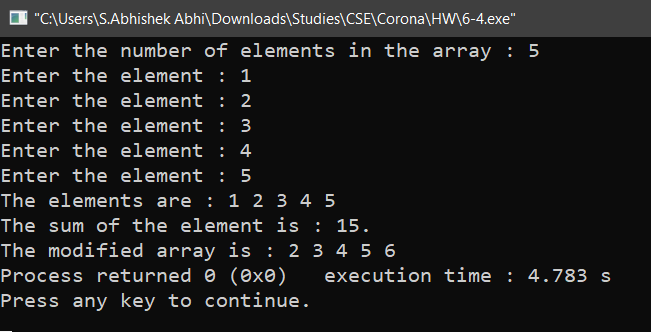


**QUESTION : 4**

**FIND THE SUM OF THE ELEMENTS IN THE ARRAY AND ADD 1 TO ALL ELEMENTS IN THE ARRAY :**

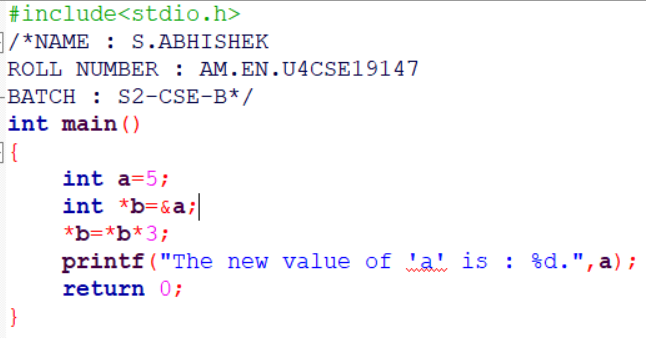


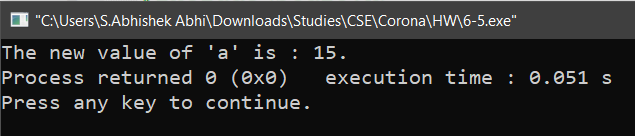




**QUESTION : 5**

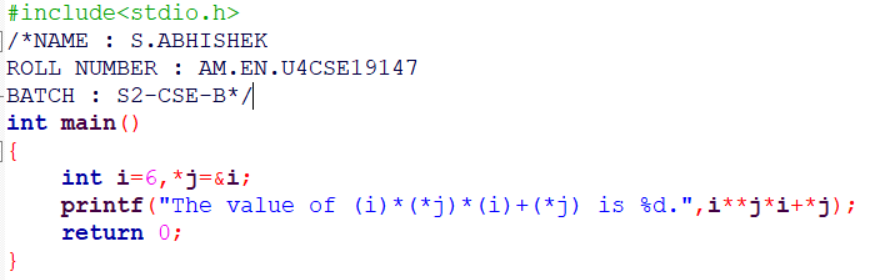
**WORKING WITH POINTERS :**

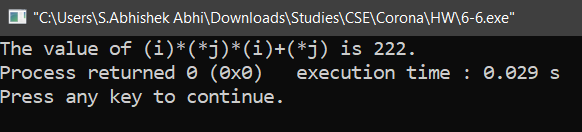




**QUESTION : 6**

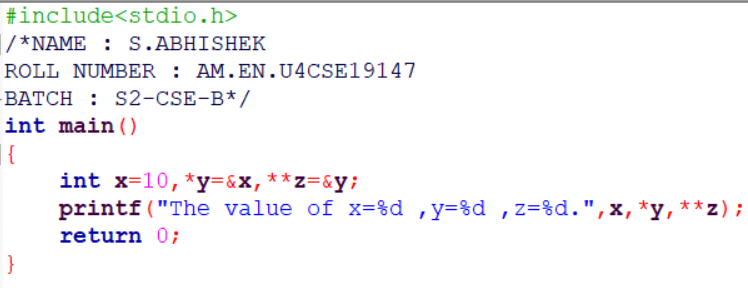
**MULTIPLICATION WITH POINTERS :**

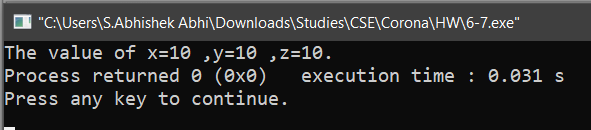




**QUESTION : 7**

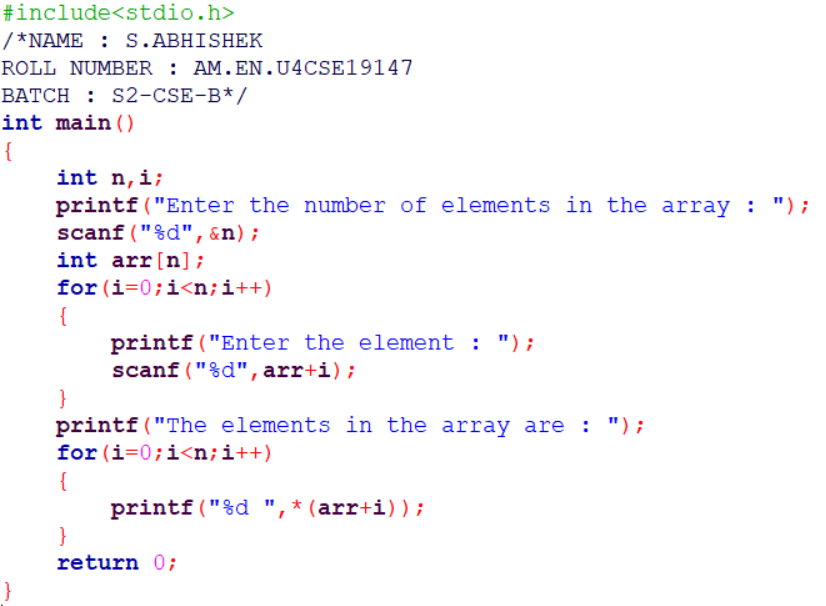
**DISPLAY THE VALUE OF THE POINTER VARIABLE :**

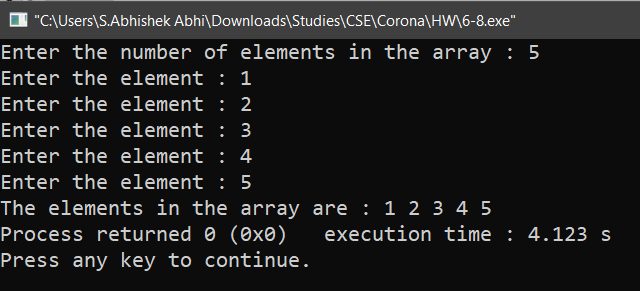




**QUESTION : 8**

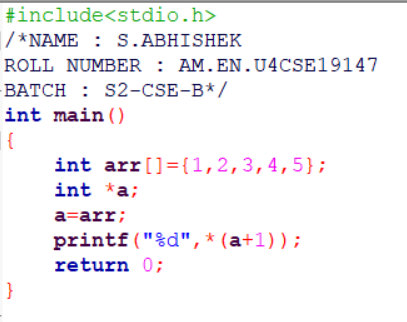
**INPUT THE SIZE OF THE ARRAY FROM THE USER AND GET ‘N’ INPUTS AND DISPLAY IT :**

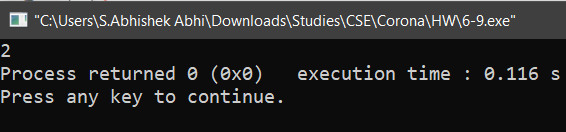




**QUESTION : 9**

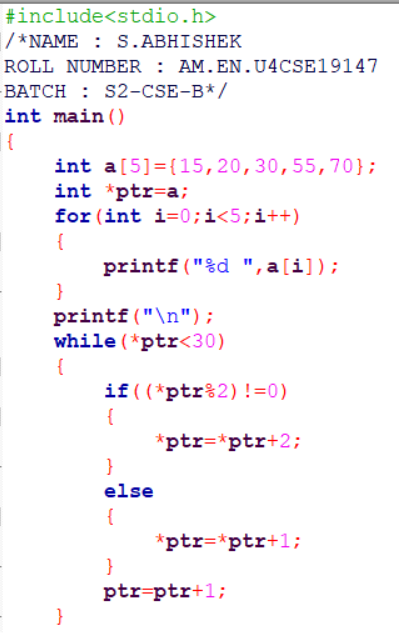
**DISPLAY THE ARRAY ELEMENT USING THE POINTER :**

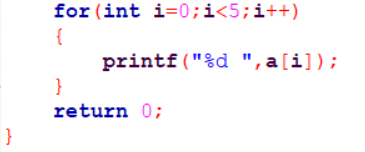


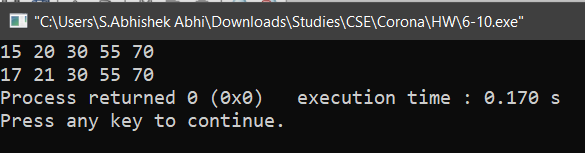


**QUESTION : 10**

**ADDING 1 TO ELEMENT IN THE ARRAY IF THE ELEMENT IS EVEN AND THE ELEMENT IS LESS THAN 30 AND ADDING 2 TO ELEMENT IN THE ARRAY IF THE ELEMENT IS ODD AND THE ELEMENT IS LESS THAN 30.**

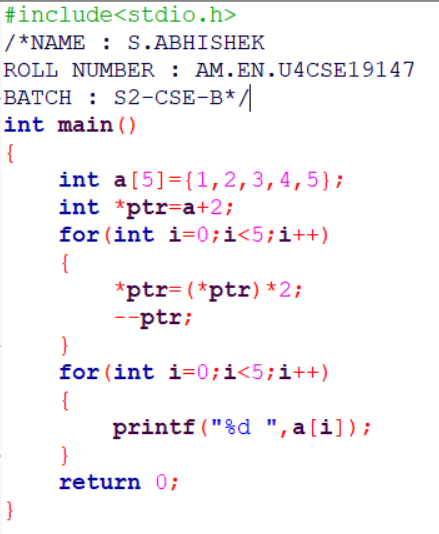


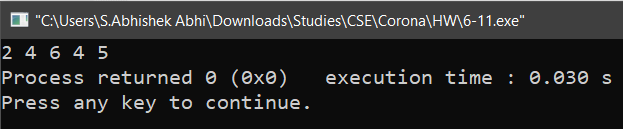




**QUESTION : 11**

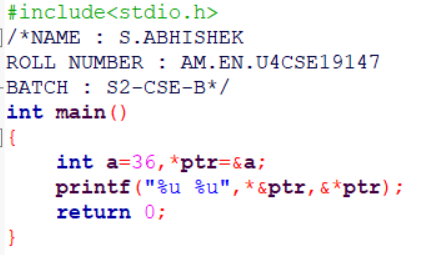
**MULTIPLYING THE ELEMENT OF THE ARRAY BY TWO USING THE POINTER VALUE :**

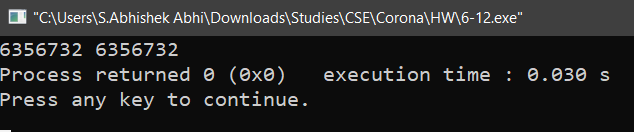




**QUESTION : 12**

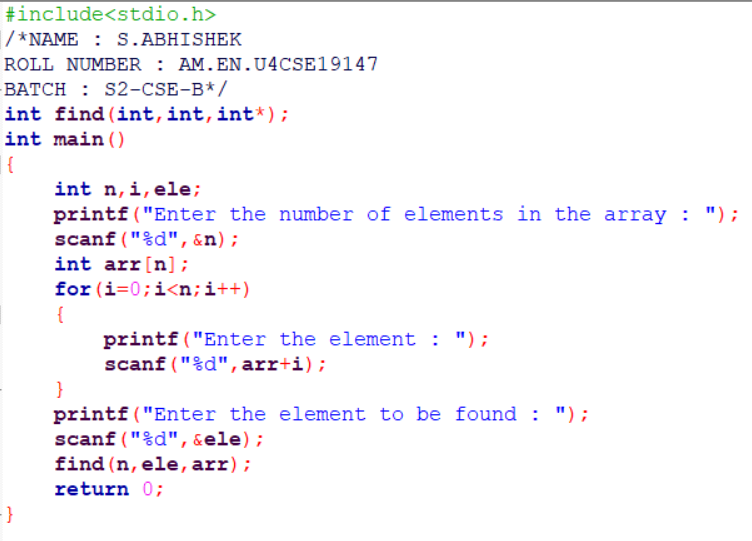
**FIND THE POINTER VALUE AND DISPLAY IT:**

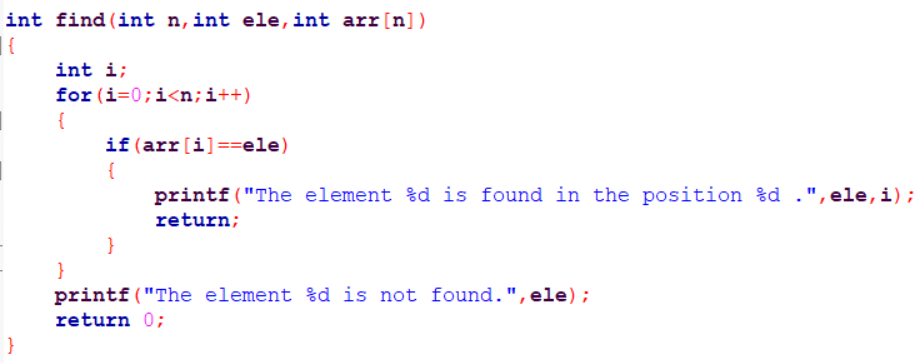


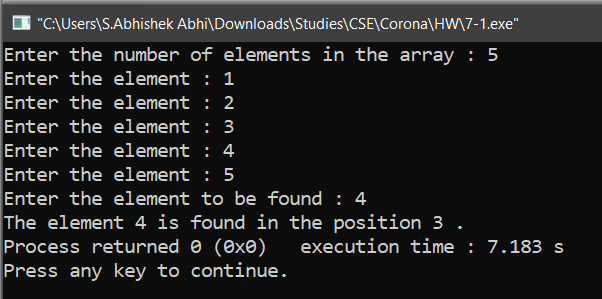


**QUESTION : 13**

**INPUT AN ARRAY AND GET AN INPUT FROM THE USER AND FIND WHETHER THE ELEMENT IS IN THE ARRAY OR NOT :**



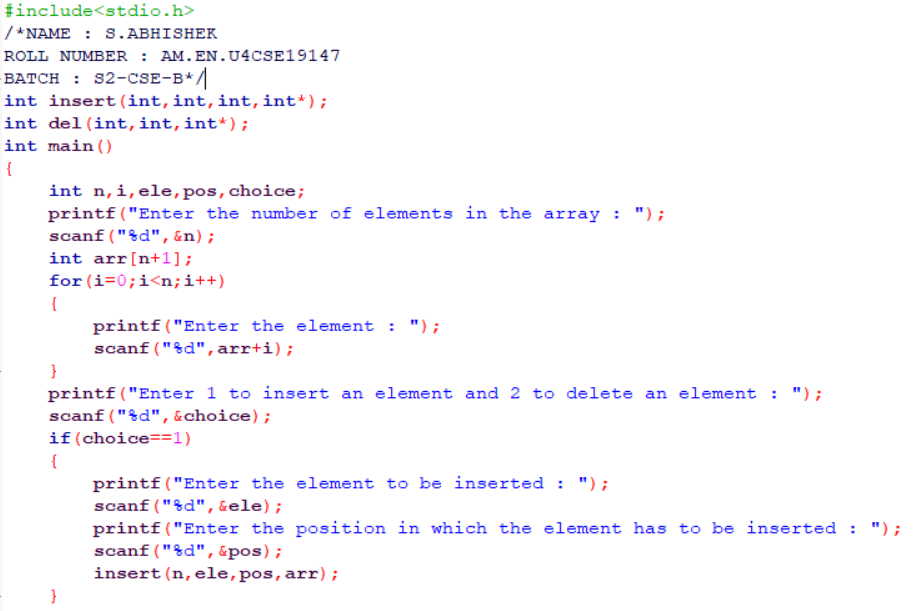


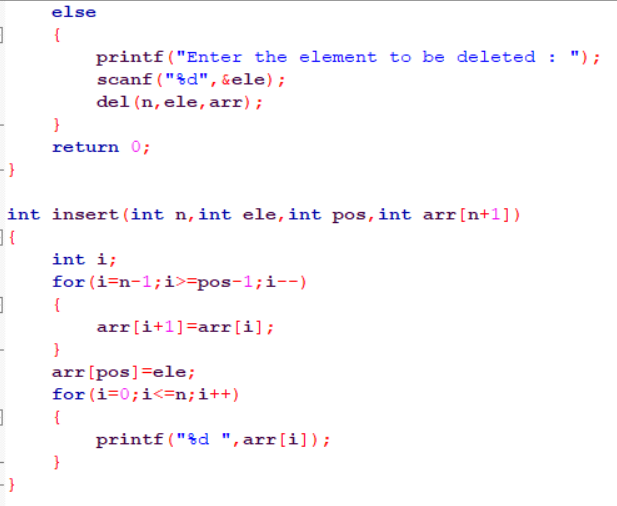


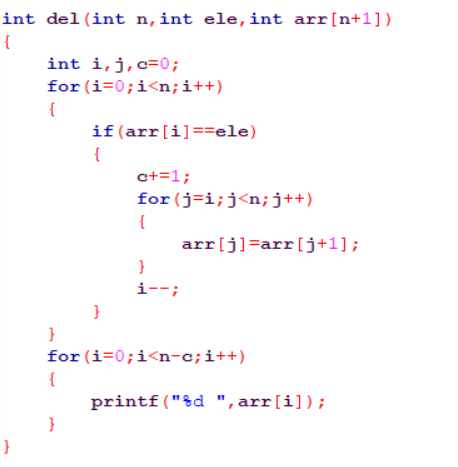
**QUESTION : 14**

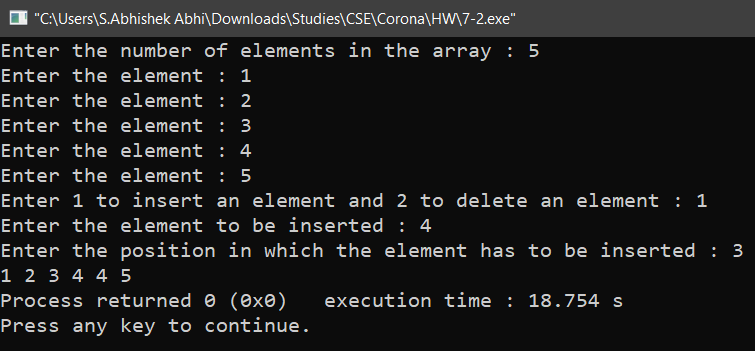
**1 - GET INPUT FROM THE USER AND THE POSITION FROM WHICH IT HAS TO INSERTED AND SHIFT THE REMAINING ELEMENT ACCORDINGLY SO THAT THEIR ORDER IS NOT CHANGED.**

**2 – GET AN INPUT FROM THE USER AND DELETE THAT ELEMENT FROM THE ARRAY AND SHIFT REMAINING ELEMENTS IN THE ARRAY.**

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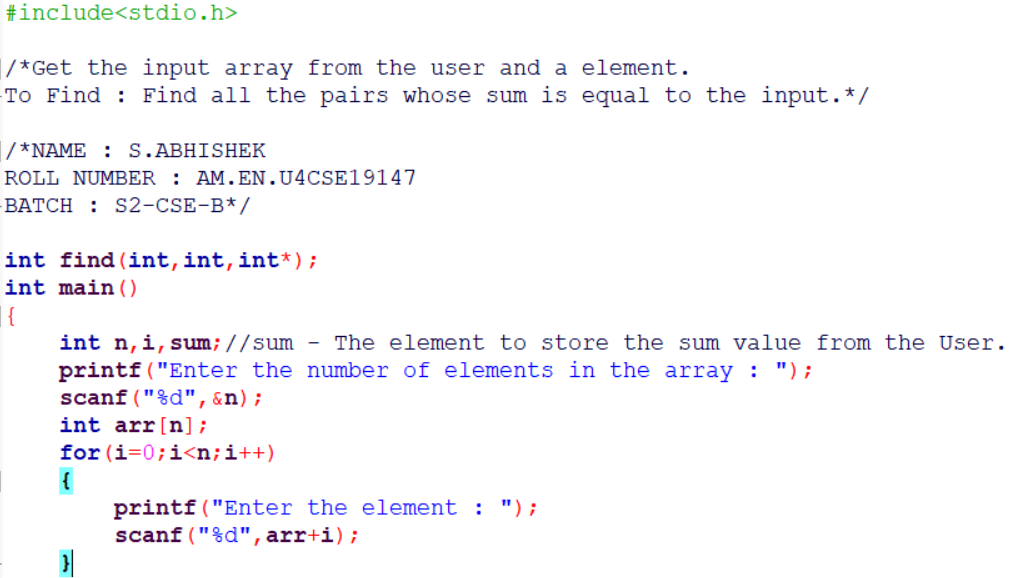
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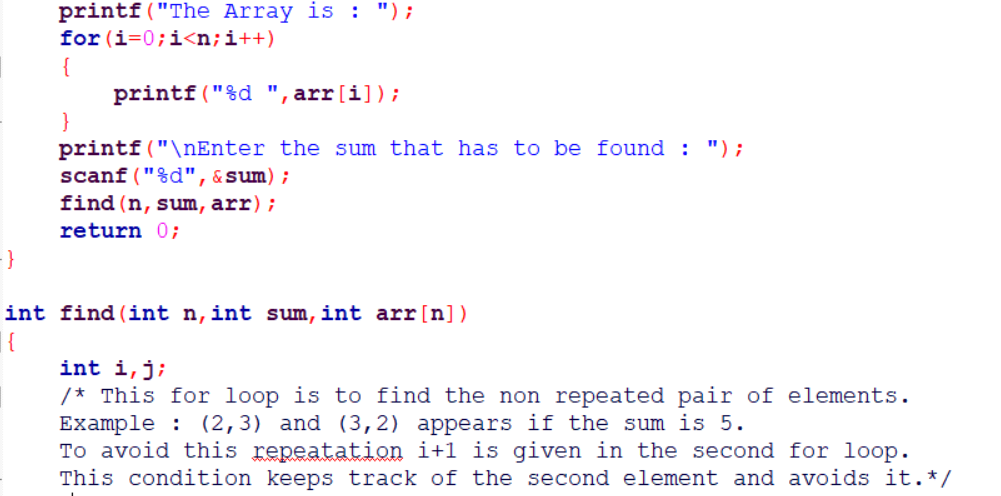
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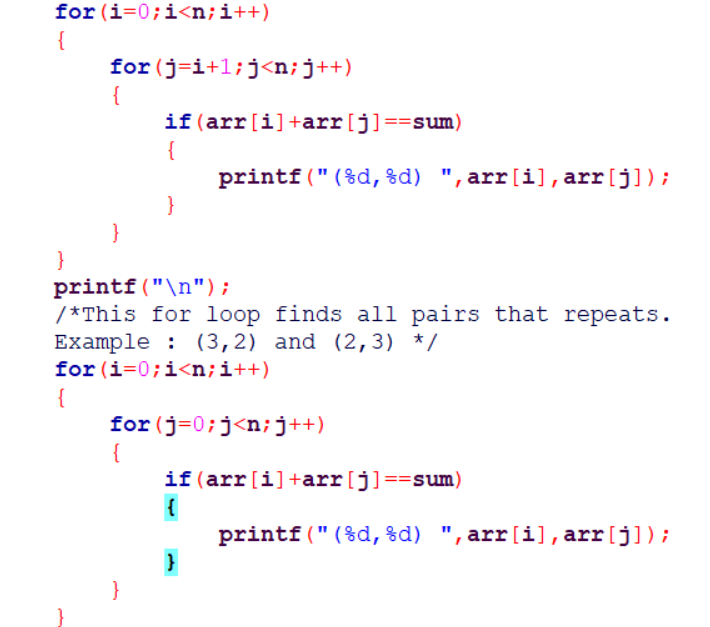


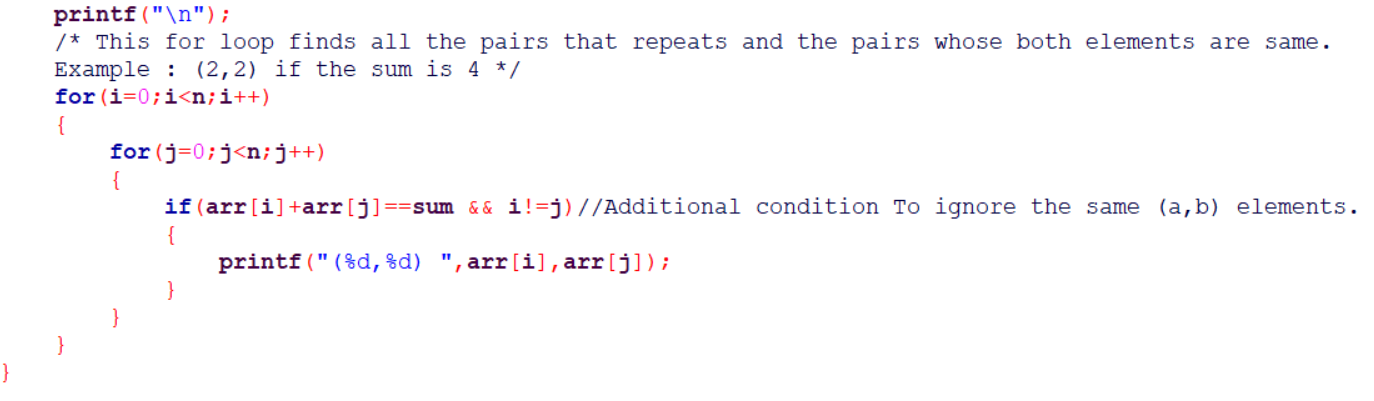
**QUESTION : 15**

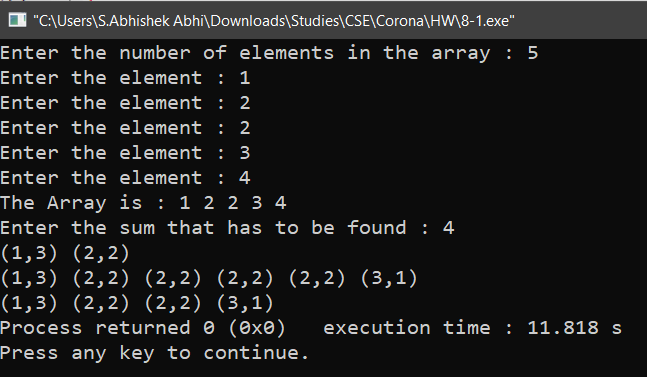
**GET AN INPUT FROM THE USER AND DISPLAY THE PAIR OF THE ELEMENTS WHOSE SUM IS EQUAL TO THE INPUT.**





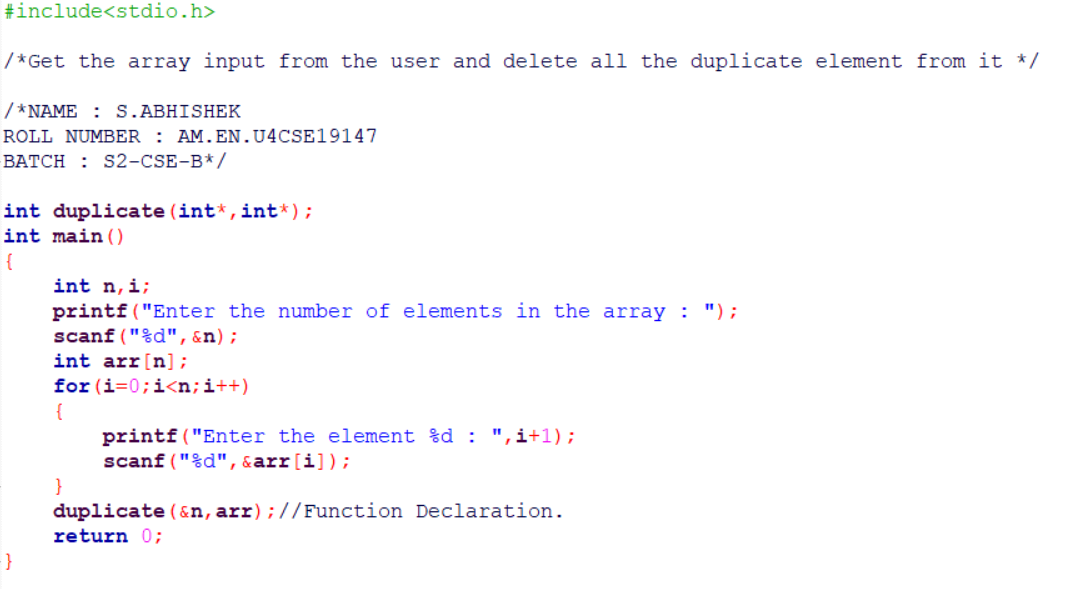


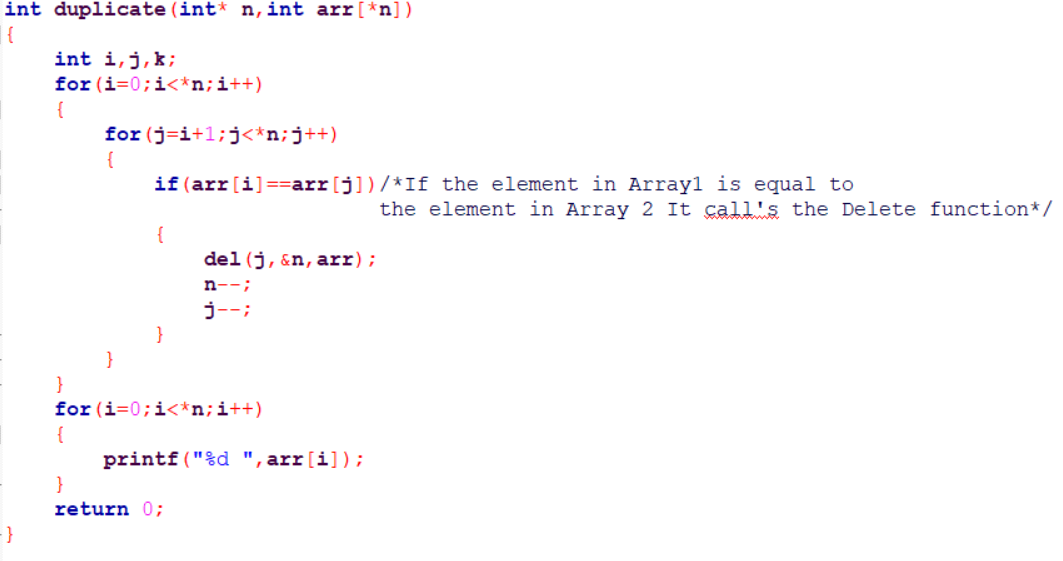


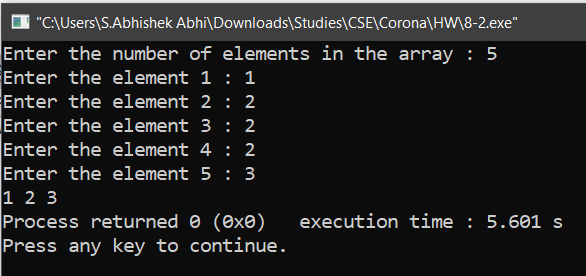


**QUESTION : 16**

**FIND DUPLICATE ELEMENTS IN THE ARRAY AND DELETE THEM FROM THE ARRAY :**

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**QUESTION : 17**

**GET TWO SORTED ARRAY AS A INPUT FROM THE USER AND MERGE THAT TWO SORTED ARRAY INTO ONE SORTED ARRAY.( DON’T SORT AFTER MERGE ) :**

