

**ASSIGNMENT – ARRAYS
CLASS XI**

TAKE 10 NOS IN AN ARRAY AND DO THE FOLLOWING

1. PRINT ARRAY
2. PRINT FORMATTED REPORT WITH SUCCESSOR AND PREDESSOR OF EACH NO.
3. ASSIGN THE VALUES ONE GREATOR THAN THE POSITION
4. COUNT NO. OF EVEN,ODD AND ZEROS
5. COUNT PRIME NOS
6. FIND MAXIMUM AND MINIMUM NO. ,THEIR SUM AND AVERAGE
7. FIND NO OF PERFECT SQUARES
8. SUM AND AVERAGE OF NOS.
9. PRINT ARRAY IN THE REVERSE ORDER
10. PRINT EVEN NOS
11. PRINT EVEN NOS AT EVEN POSITIONS
12. PRINT EVEN NOS AT ODD POSITIONS
13. PRINT PRIME NOS AT EVEN POSITION
14. STORE FIRST 10 MULTIPLES OF 3
15. STORE FIRST 10 TERMS OF FIBONACCI SERIES
16. PRINT EVEN NOS. THAT ARE MULTIPLE OF 7

ALSO CREATE ARRAY B SUCH THAT

17. ELEMENTS ARE INCREMENTED BY 1 AND THEN COPIED IN B
18. ELEMENTS COPIED IN REVERSE ORDER
19. ODD ELEMENTS ARE COPIED FIRST AND THEN EVEN
20. ODD POSITION ELEMENTS ARE COPIED FIRST THEN EVEN POSITION ELEMENTS ARE COPIED

ALSO CREATE ARRAY C SUCH THAT

21. CONSECUTIVE ELEMENTS OF A AND B ARE COPIED IN C
22. TWO ELEMENTS OF A AND THEN 2 ELEMENTS OF B ARE CONSECUTIVELY COPIED IN C
23. ELEMENTS OF A & B ARE COPIED IN C IN REVERSE ORDER CONSECUTIVELY
24. C CONTAINS SUM OF A AND B
25. C CONTAINS 2 ELEMENTS OF A FROM ABOVE AND 2 ELEMENTS FROM DOWN FROM B ARRAY

Q1 WRITE MENU DRIVEN PROGRAMME TO DO THE FOLLOWING

1. PRINT SUM OF ALL NOS
- 2.PRINT AVERAGE OF NOS
- 3 PRINT HIGHEST AND LOWEST IN THE ARRAY

**Q2 STORE 10 NOS IN AN ARRAY. WRITE MENU DRIVEN PROGRAMME TO DO THE FOLLOWING .
PRINT ALL PRIME NUMBERS**

Q3 STORE 10 NOS IN AN ARRAY. WRITE MENU DRIVEN PROGRAMME TO DO THE FOLLOWING

1. PRINT EVEN NOS AT EVEN POSITION
- 2.PRINT ODD NOS AT ODD POSITIONS

**Q4 STORE 5 ELEMENTS IN ARRAY A AND 5 ELEMENTS IN ARRAY B COPY IN C SUCH THAT
COSECUTIVE ELEMENTS OF A AND B ARE COPIED IN C.PRINT A,B AND C IN TABULAR FORM**

**Q5 STORE 5 ELEMENTS IN ARRAY A AND 5 ELEMENTS IN ARRAY B COPY IN C SUCH THAT TWO
COSECUTIVE ELEMENTS OF A AND TWO OF B ARE COPIED IN C.PRINT A,B AND C IN TABULAR
FORM**

Q6 STORE 5 ELEMENTS IN ARRAY A AND 5 ELEMENTS IN ARRAY B COPY IN C SUCH THAT COSECUTIVE ELEMENTS OF A AND B FROM THE BOTTOM ARE COPIED IN C FROM THE TOP.PRINT A,B AND C IN TABULAR FORM

Q7 STORE 5 ELEMENTS IN ARRAY A AND 5 ELEMENTS IN ARRAY B. COPY IN C SUCH THAT TWO COSECUTIVE ELEMENTS OF A AND TWO OF B FROM THE BOTTOM ARE COPIED IN C FROM THE TOP.PRINT A,B AND C IN TABULAR FORM

Q8 STORE 5 ELEMENTS IN ARRAY A AND TAKE A NEW ELEMENT FROM THE USER AND THE POSITION TO BE INSERTED. PRINT OLD AND NEW ARRAY

Q9 STORE 5 ELEMENTS IN ARRAY A AND THE POSITION OF THE ELEMENT TO BE DELETED. PRINT OLD AND NEW ARRAY

Q10 STORE 5 ELEMENTS IN ARRAY A AND TAKE A NEW ELEMENT FROM THE USER AND INSERT THE NEW ELEMENT AFTER THE ELEMENT X WHERE X IS TAKEN FROM THE USER. PRINT OLD AND NEW ARRAY

Q11 STORE 5 ELEMENTS IN ARRAY A AND DELETE THE ELEMENT X FROM THE ARRAY WHERE X IS TAKEN FROM THE USER. PRINT OLD AND NEW ARRAY

Q12 STORE 5 ELEMENTS IN ARRAY A AND TAKE A NEW ELEMENT FROM THE USER AND INSERT THE NEW ELEMENT AFTER THE FIRST EVEN NO. IN THE ARRAY. PRINT OLD AND NEW ARRAY

Q13 STORE 5 ELEMENTS IN ARRAY A AND TAKE A NEW ELEMENT FROM THE USER AND INSERT THE NEW ELEMENT AFTER THE FIRST ODD NO. IN THE ARRAY. PRINT OLD AND NEW ARRAY

Q14 STORE 5 ELEMENTS IN ARRAY A AND DELETE THE ELEMENT AFTER THE FIRST ODD NO. IN THE ARRAY. PRINT OLD AND NEW ARRAY

Q15 STORE 5 ELEMENTS IN ARRAY A AND DELETE THE ELEMENT AFTER THE FIRST EVEN NO. IN THE ARRAY. PRINT OLD AND NEW ARRAY

Q16 STORE 5 ELEMENTS IN ARRAY A. COUNT NO. OF 1. POSITIVE NOS. 2. NEGATIVE NOS 3. ZEROES 4. PERFECT SQUARES

Q17 STORE 5 ELEMENTS IN ARRAY A AND DELETE THE ELEMENT AFTER THE FIRST ODD NO. AT ODD POSITION IN THE ARRAY. PRINT OLD AND NEW ARRAY

Q18 STORE 5 ELEMENTS IN ARRAY A AND DELETE THE ELEMENT AFTER THE FIRST EVEN NO. AT EVEN POSITION IN THE ARRAY. PRINT OLD AND NEW ARRAY