

Ex 1: Take 10 integer inputs from user and store them in an array. Again ask user to give a number. Now, tell user whether that number is present in array or not.

Ex 2: Instantiate an array as follows: {13, 3, 2, 59, 91, 11, 28}; Iterate through the array and check if each index is odd or even. For each iteration print the following:
"The value {val} at index {i} is odd/even".

Ex 3: Initialize a 2D array of 3*3 matrix. E.g.-

| | | |
|---|---|---|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |

Check if the matrix is symmetric or not.

Ex 4: Write a program which will ask the user to enter his/her marks (out of 100).

Define a method named Grader that will display grades according to the marks

entered as below:

| Marks | Grade |
|--------|-------|
| 91-100 | A |
| 81-90 | B+ |
| 71-80 | B |
| 61-70 | C |
| 51-60 | D+ |
| 40-50 | D |
| <40 | Fail |

Ex 5: Write a method named Circle and print the circumference and area of a circle of radius entered by user.