

1. Write a program to take in 10 values and print only those nos which are prime.  
(using array)

```
package arrays;
import java.util.*;
public class primenum {
    public static void main(String[] args) {
        int num[]=new int[10];
        Scanner s=new Scanner(System.in);
        System.out.println("enter the number :");
        int count=0;
        for(int i=0;i<10;i++) {
            num[i]=s.nextInt();
            for(int j=0;j<10;j++) {
                for(int k=1;k<=num[j];k++) {
                    if(num[j]%k==0) {
                        count++;
                    }
                }
                if(count==2) {
                    System.out.println(num[j]);
                    count=0;
                }
            }
        }
    }
}
```