

```
1: #include <stdio.h>
2: //odd and even number by pointer to array //
3: void main()
4: {
5:     int i,n,odd,even;
6:
7:     printf("Enter Size of array:");
8:     scanf("%d",&n);
9:     int a[n];
10:    int *p;
11:    p=a;
12:    printf("Enter Your non Repeatative
Numbers Here:\n");
13:    for(i=0;i<n;i++)
14:    {
15:        scanf("%d",&p[i]);
16:
17:    }
18:
19:    printf("Your Even Numbers from above
Numbers are:");
20:    for(i=0;i<n;i++)
21:    {
22:        if(p[i]%2==0)
23:            printf("%d ",p[i]);
24:    }
25:
26:    printf("\nYour Odd Numbers from above
Numbers are:");
27:    for(i=0;i<n;i++)
28:    {
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29:         if(p[i]%2==1)
30:             printf("%d ",p[i]);
31:         }
32:
33:     }
34:
35:
36:
```

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1: #include <stdio.h>
2:
3: //Max Number and min..by pointer to array //
4: void main()
5: {
6:     int i,a[50],n,min,max;
7:
8:     printf("Enter Size of array:");
9:     scanf("%d",&n);
10:    int *p;
11:    p=a;
12:    printf("Enter your Numbers here You Need
to find Max and Min from:\n");
13:
14:    for(i=0;i<n;i++)
15:    {
16:        // printf("Enter your Numbers here:\n ");
17:        scanf("%d",&p[i]);
18:    }
19:    min=max=a[0];
20:    for(i=1;i<n;i++)
21:    {
22:        if(min>p[i])
23:        min=p[i];
24:        if(max<p[i])
25:        max=p[i];
26:    }
27:    printf("minimum of array is : %d",min);
28:    printf("\nmaximum of array is : %d",max);
29:
30: }
```

31:

32:

33:

```
1: #include <stdio.h>
2: //Prime number by array //
3: void main()
4: {
5:     int i,n,j,count=0;
6:
7:     printf("Enter Size of array:");
8:     scanf("%d",&n);
9:     int a[n];
10:    int *p;
11:    p=a;
12:    printf("Enter Your Numbers Here:\n");
13:    for(i=0;i<n;i++)
14:    {
15:        scanf("%d",&p[i]);
16:
17:    }
18:
19:    printf("Your Prime Numbers from above
Numbers are:");
20:    for(i=0;i<n;i++)
21:    {
22:        for(j=2;j<p[i];j++)
23:        {
24:
25:            if(p[i]%j==0)
26:            {
27:                count=1;
28:
29:            }
30:        }
```

```
31:         if(count==0)
32:             printf("%d ",p[i]);
33:
34:
35:     }
36: }
37:
38:
```

```
1: #include <stdio.h>
2:
3:
4: //sum by array using pointer to array //
5: void main()
6: {
7:     int i,a[50],n,sum;
8:
9:     printf("Enter Size of array:");
10:    scanf("%d",&n);
11:    int *p;
12:    p=a;
13:    printf("Enter Your Numbers Here:\n");
14:    sum=0;
15:    for(i=0;i<n;i++)
16:    {
17:        scanf("%d",&p[i]);
18:        sum=sum+p[i];
19:
20:    }
21:
22:    printf("Sum of All Above Numbers are:%d",
sum);
23:
24: }
25:
26:
```