

## PROGRAM 6 :

```
import java.util.Scanner;

public class smallest_nmbr
{
    public static void main(String args[])
    {
        int min, len, i;
        int arr[] = new int[200];
        Scanner scan = new
Scanner(System.in);

        System.out.print("Enter nmbr of
elements : ");
        len = scan.nextInt();

        System.out.print("Enter elements : ");
        for(i=0; i<len; i++)
        {
            arr[i] = scan.nextInt();
```

```
}
```

```
min = arr[0];
```

```
for(i=0; i<len; i++)
```

```
{
```

```
    if(min > arr[i])
```

```
    {
```

```
        min = arr[i];
```

```
    }
```

```
}
```

```
    System.out.print("smallest element : "  
+ min);
```

```
}
```

```
}
```

OUTPUT :

enter the nmbr of elements :

5

Enter elements :

5

4

3

2

1

smallest element : 1