➔ Implement a shellscript code by taking the integers from the user and reverse every integer and gives the ascending order to that(finally all integers must stored into an array and print it)

Source code:

```bash
 1 #!/bin/bash
 2 read -p "Enter the number of elements in the array : "    n
 3 echo -n > temp
 4 #taking the integers from the user
 5 for ((i=1;i<=n;i++))
 6 do
 7   if [ $i = 1 ];then
 8     read -p "Enter the $i""st element into the array : " e
 9   elif [ $i = 2 ];then
10     read -p "Enter the $i""nd element into the array : " e
11   elif [ $i = 3 ];then
12     read -p "Enter the $i""rd element into the array : " e
13   else
14     read -p "Enter the $i""th element into the array : " e
15   fi
16   r=0
17   s=0
18   #reversing the integer
19   while [ $e != 0 ]
20   do
21     t=$[e%10]
22     let e=e/10
23     let s=(s*10)+t
24   done
25   echo $s 1>> temp
26 done
27 #echo `sort -n temp`
28 ar=()
29 i=0
30 #storing into an array(ascending order)
31 for v in `sort -n temp`;
32 do
33   ar[$i]=$v
34   let i++
35 done
36 echo ${ar[@]}
```

Output:

```
sis@sis-VirtualBox:~$ bash homework.sh
Enter the number of elements in the array : 7
Enter the 1st element into the array : 345
Enter the 2nd element into the array : 567785
Enter the 3rd element into the array : 345
Enter the 4th element into the array : 2365
Enter the 5th element into the array : 4
Enter the 6th element into the array : 456
Enter the 7th element into the array : 467
4 543 543 654 764 5632 587765
```