

➔ Implement the shellscript codes by taking the words from the user and gives the distinct words

Source code:

```
1#!/bin/bash
2read -p "Enter the number of words : " n
3#creating an empty file for appending distinct words
4echo -n > output.txt
5a=1
6while [ $a -le $n ]
7do
8    read -p "" w #taking the input
9    t=0
10    #checking whether the word is already existing or not in output.txt
11    for i in `cat output.txt`
12    do
13        if [ $i = $w ]
14        then
15            t=1
16            break
17        fi
18    done
19    #if t remains 0 then it is new so append into output.txt
20    if [ $t = 0 ]
21    then
22        echo $w 1>> output.txt
23    fi
24    let a=a+1
25done
26#separation between input and output
27echo '----->'
28cat output.txt #-->output
```

Output:

```
sis@sis-VirtualBox:~$ bash homework2.sh
Enter the number of words : 6
gi
hi
hello
gi
hi
hr
----->
gi
hi
hello
hr
```