

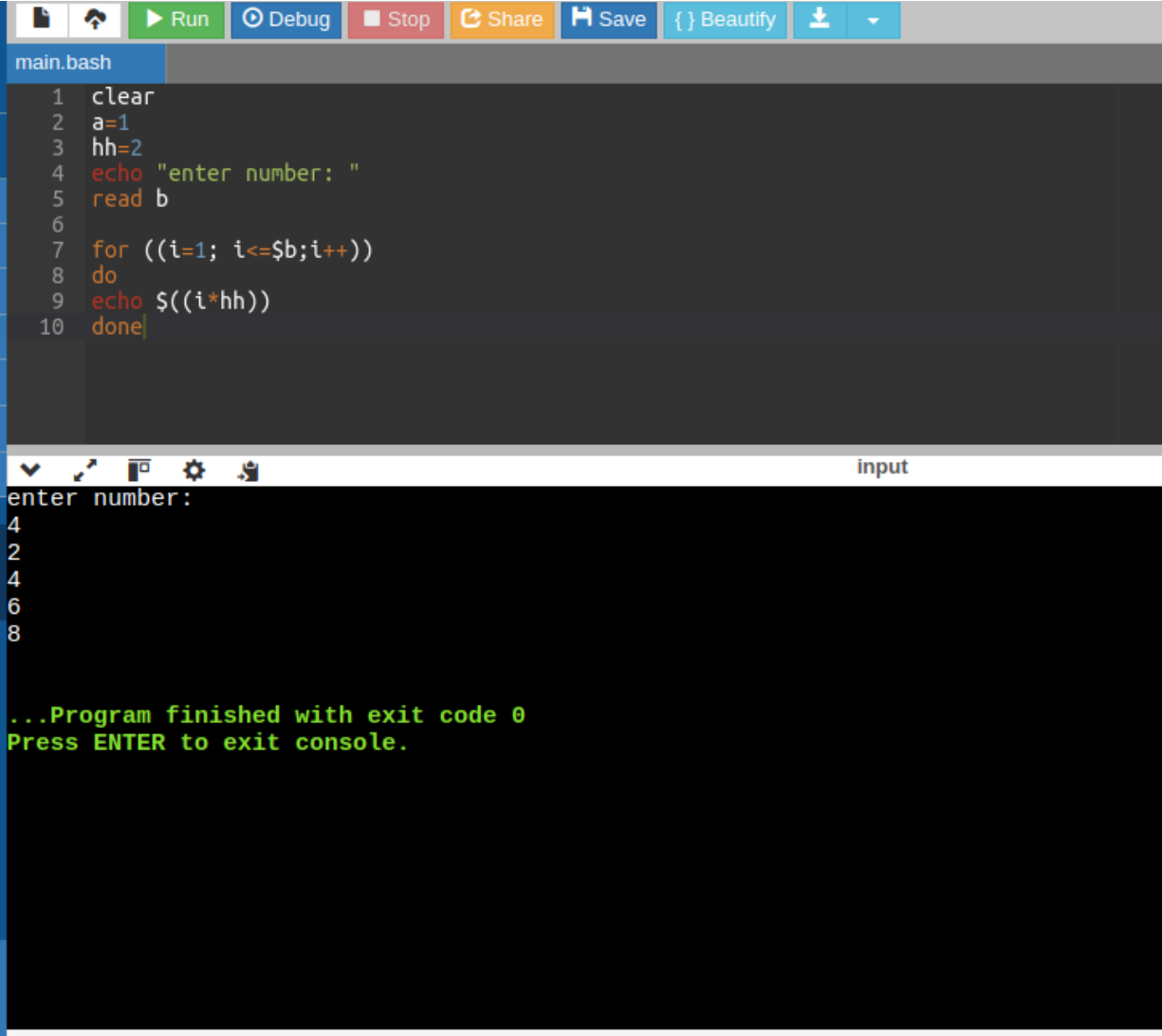
## Lab Practical 3 Submission

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Course Code and Name: 2CSOE53 OS

### Aim:

a) Write a shell script to generate the series of number multiply by 2.

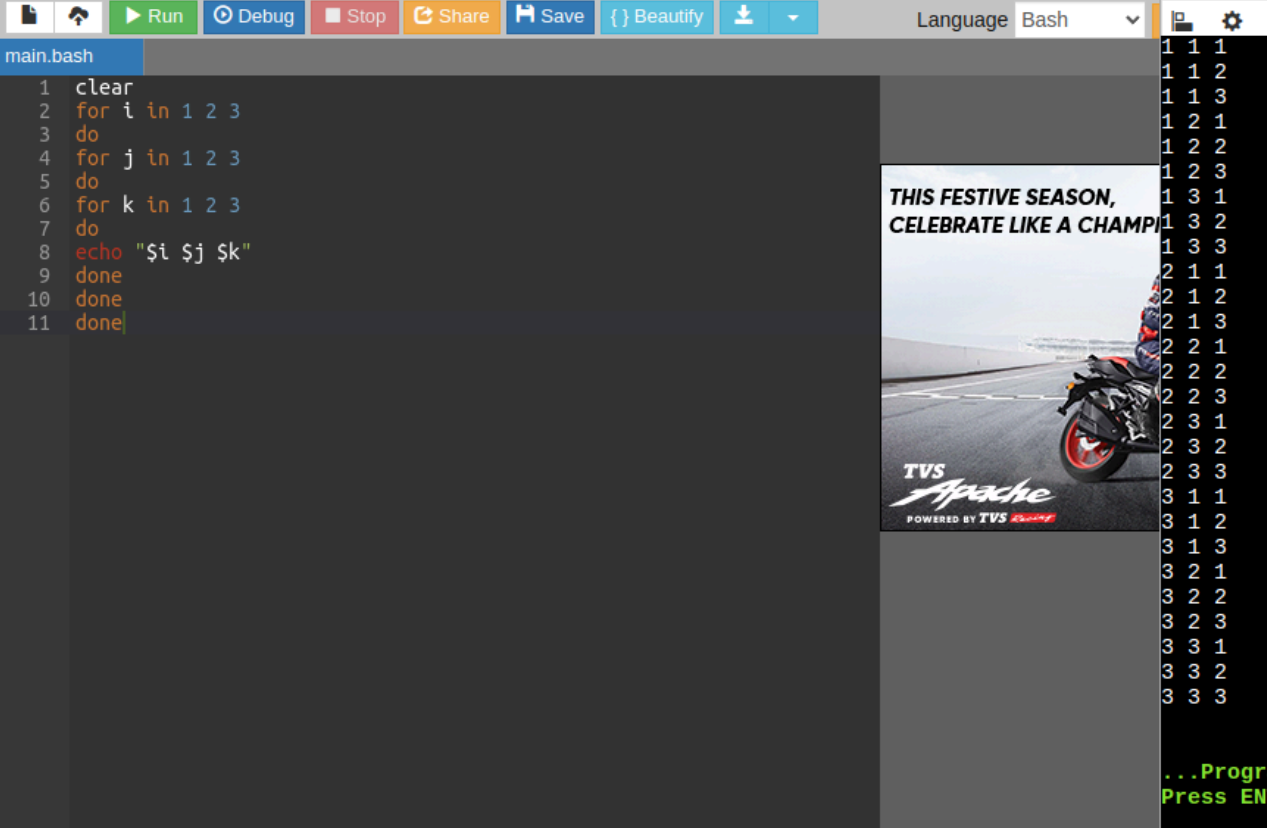


The image shows a screenshot of a shell script editor and its execution output. The editor window, titled 'main.bash', contains the following script:

```
1 clear
2 a=1
3 hh=2
4 echo "enter number: "
5 read b
6
7 for ((i=1; i<=$b;i++))
8 do
9 echo $((i*hh))
10 done
```

The output window, titled 'input', shows the execution of the script. It prompts 'enter number:' and receives the input '4'. The script then outputs the series of numbers: 2, 4, 6, 8. The output window also displays the message: '...Program finished with exit code 0 Press ENTER to exit console.'

b) Write a shell script to generate all the combinations of 1, 2 and 3.



The screenshot shows a code editor with a dark theme. The top toolbar includes icons for file operations, a 'Run' button, 'Debug', 'Stop', 'Share', 'Save', 'Beautify', and a download icon. The 'Language' dropdown is set to 'Bash'. The script in the editor is as follows:

```
main.bash
1 clear
2 for i in 1 2 3
3 do
4 for j in 1 2 3
5 do
6 for k in 1 2 3
7 do
8 echo "$i $j $k"
9 done
10 done
11 done
```

The output of the script is displayed on the right side of the editor, showing all 27 possible combinations of the numbers 1, 2, and 3. An advertisement for the TVS Apache motorcycle is overlaid on the output. At the bottom right, the text "...Progr" and "Press EN" is visible.

THIS FESTIVE SEASON,  
CELEBRATE LIKE A CHAMP

TVS  
Apache  
POWERED BY TVS

1 1 1  
1 1 2  
1 1 3  
1 2 1  
1 2 2  
1 2 3  
1 3 1  
1 3 2  
1 3 3  
2 1 1  
2 1 2  
2 1 3  
2 2 1  
2 2 2  
2 2 3  
2 3 1  
2 3 2  
2 3 3  
3 1 1  
3 1 2  
3 1 3  
3 2 1  
3 2 2  
3 2 3  
3 3 1  
3 3 2  
3 3 3

...Progr  
Press EN