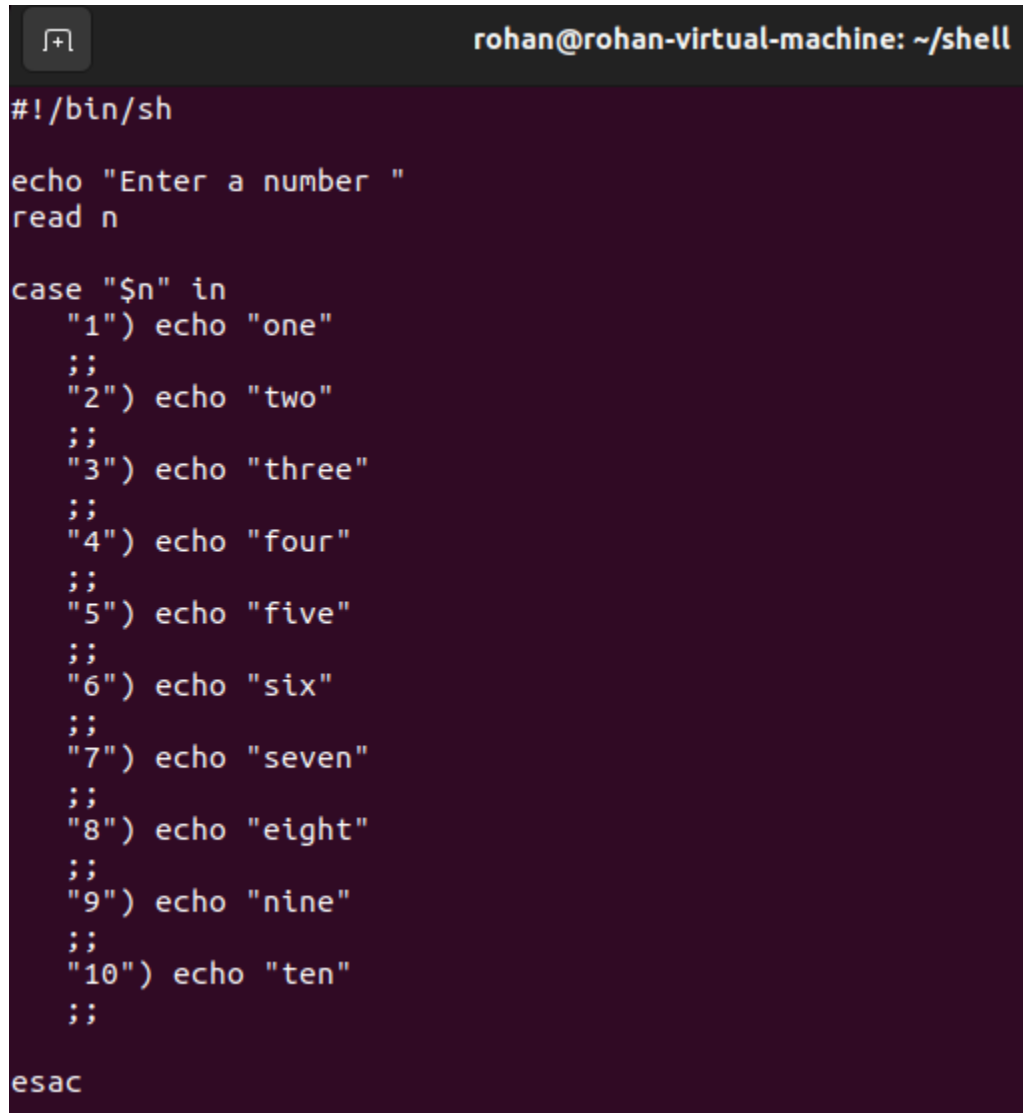


SWITCH CASE IN SHELL SCRIPT

1. Printing Number in letter



A terminal window with a dark purple background. The title bar at the top shows a window icon and the text "rohan@rohan-virtual-machine: ~/shell". The terminal content is a shell script that prompts the user to enter a number and then prints the corresponding letter from one to ten. The script uses a case statement for the mapping.

```
#!/bin/sh

echo "Enter a number "
read n

case "$n" in
    "1") echo "one"
        ;;
    "2") echo "two"
        ;;
    "3") echo "three"
        ;;
    "4") echo "four"
        ;;
    "5") echo "five"
        ;;
    "6") echo "six"
        ;;
    "7") echo "seven"
        ;;
    "8") echo "eight"
        ;;
    "9") echo "nine"
        ;;
    "10") echo "ten"
        ;;
    *)
        ;;
esac
```

```
rohan@rohan-virtual-machine: ~/shell

rohan@rohan-virtual-machine:~$ cd shell
rohan@rohan-virtual-machine:~/shell$ touch switch1.sh
rohan@rohan-virtual-machine:~/shell$ bash switch.sh
Enter a number
5
five
rohan@rohan-virtual-machine:~/shell$ bash switch.sh
Enter a number
6
six
rohan@rohan-virtual-machine:~/shell$ bash switch.sh
Enter a number
7
seven
rohan@rohan-virtual-machine:~/shell$ bash switch.sh
Enter a number
1
one
rohan@rohan-virtual-machine:~/shell$ bash switch.sh6
bash: switch.sh6: No such file or directory
rohan@rohan-virtual-machine:~/shell$ vi switch.sh
rohan@rohan-virtual-machine:~/shell$
```

2. Finding Working day



rohan@rohan-virtual-machine: ~/shell

```
#!/bin/sh

echo "Enter a number "
read n

case "$n" in
    "1") echo "one"
        ;;
    "2") echo "two"
        ;;
    "3") echo "three"
        ;;
    "4") echo "four"
        ;;
    "5") echo "five"
        ;;
    "6") echo "six"
        ;;
    "7") echo "seven"
        ;;
    "8") echo "eight"
        ;;
    "9") echo "nine"
        ;;
    "10") echo "ten"
        ;;
    *)
esac

"switch.sh" 28 lines, 334 bytes
```

```
rohan@rohan-virtual-machine: ~/shell

rohan@rohan-virtual-machine:~/shell$ bash switch1.sh
Enter day
monday
It is monday and it is working day
rohan@rohan-virtual-machine:~/shell$ bash switch1.sh
Enter day
sunday
It is sunday and it is not working day
rohan@rohan-virtual-machine:~/shell$ bash switch1.sh
Enter day
saturday
It is saturday and it is not working day
rohan@rohan-virtual-machine:~/shell$ bash switch1.sh
Enter day
friday
It is friday and it is working day
rohan@rohan-virtual-machine:~/shell$ vi switch.sh
rohan@rohan-virtual-machine:~/shell$ bash switch1.sh
```

3. Finding Working day from its number



rohan@rohan-virtual-machine: ~/shell

```
#!/bin/sh
```

```
cho "Enter a number from 1 to 7"
```

```
read n
```

```
case "$n" in
```

```
  "1") echo "ITs sundayt"
```

```
  ;;
```

```
  "2") echo "its monday"
```

```
  ;;
```

```
  "3") echo "its tuesday"
```

```
  ;;
```

```
  "4") echo "its wensday"
```

```
  ;;
```

```
  "5") echo "its thursday"
```

```
  ;;
```

```
  "6") echo "its friday"
```

```
  ;;
```

```
  "7") echo "its saturday"
```

```
  ;;
```

```
saC
```

```
switch2.sh" 22 lines, 310 bytes
```



rohan@rohan-virtual-machine: ~/shell

```
rohan@rohan-virtual-machine:~/shell$ touch switch2.sh
rohan@rohan-virtual-machine:~/shell$ vi switch2.sh
rohan@rohan-virtual-machine:~/shell$ bash switch2.sh
Enter a number from 1 to 7
1
ITs sundayt
rohan@rohan-virtual-machine:~/shell$ bash switch2.sh
Enter a number from 1 to 7
1
ITs sundayt
rohan@rohan-virtual-machine:~/shell$ bash switch2.sh
Enter a number from 1 to 7
2
its monday
rohan@rohan-virtual-machine:~/shell$ bash switch2.sh
Enter a number from 1 to 7
5
its thursday
rohan@rohan-virtual-machine:~/shell$ bash switch2.sh
Enter a number from 1 to 7
9
rohan@rohan-virtual-machine:~/shell$ bash switch2.sh
Enter a number from 1 to 7
8
rohan@rohan-virtual-machine:~/shell$ bash switch2.sh
Enter a number from 1 to 7
6
its friday
rohan@rohan-virtual-machine:~/shell$
```