

SURPRISE TEST – CLASS 1

Question: Identify as many errors as you can in below Shell Script

```
1. !#\bash\bin
2. arr=(1 2 3 4 5)
3. sum=0
4. for x on {0..4}
5. done
6. READ --p "Add Input Values to Array:" $y
7. sum=`expr {arr[*x]} + y`
8. echo "Printing $x value" sum
9. do
10.  echo "Array contains" ${arr[**]}
11.  FOR i in ${arr[@]}
12.  done
13.  sum=`expr $SUM # $x`
14.  do
15.  echo #sum
16.  IF  sum= 200
17.  than
18.  echo "sum is incorrect"
19.  ELSE
20.  echo "Sum is correct"
21.  esle
```

KEY

```
1.#!/bin/bash
2.arr=(1 2 3 4 5)
3.sum=0
4.for x in {0..4}
5.do
6.read -p "Add Input Values to Array:" y
7.sum=`expr ${arr[x]} + y`
8.echo "Printing $x value" $sum
9.done
10. echo "Array contains" ${arr[*]}
11. for i in ${arr[@]}
12. do
13. sum=`expr $sum + $i`
14. done
15. echo $sum
16. if sum='200'
17. then
18. echo "sum is incorrect"
19. else
20. echo "Sum is correct"
21. fi
```