✓ **Congratulations! You passed!**
TO PASS 80% or higher

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GRADE
98%

Bash Programming

LATEST SUBMISSION GRADE

98%

1. Which of the following are requirements for variable names?   `1 / 1 point`

   ✓ Correct

2. What does the exit status of a program indicate?   `1 / 1 point`

   ✓ Correct

3. What is printed to the console by the following command?   `1 / 1 point`

   ```
   1  echo Demetrius || [[ 6 -eq 7 ]] || echo Helena && echo Hermia || [[ 7 -gt 4 ]]
   ```

   ✓ Correct

4. Consider the following program called numrange.sh: `1 / 1 point`

   ```
   1   #!/usr/bin/env bash
   2   # File: numrange.sh
   3
   4   odd=$(echo "$1 % 2" | bc)
   5
   6   if [[ $odd -eq 0 ]]
   7   then
   8     status="even"
   9   else
   10    status="odd"
   11  fi
   12
   13  if [[ $1 -gt 0 ]] && [[ $1 -lt 10 ]]
   14  then
   15    location="in"
   16  else
   17    location="out of"
   18  fi
   19
   20  echo "This number is $status and $location range."
   21
   ```

   Which of the following is the result of commands below?

   ```
   1  bash numrange.sh 6
   2  bash numrange.sh 11
   3  bash numrange.sh 400 10
   ```

   ✓ Correct

5. What is the result of the script below?   `1 / 1 point`

   ```
   1  lab=(jeff roger brian)
   2  lab[3]=sean
   3  lab=("${lab[*]}" "${lab[*]}")
   4  echo ${#lab[*]}
   ```

   ✓ Correct

6. Consider the following program called reqseq.sh: `1 / 1 point`

```
1  #:/usr/bin/env bash
2  # File: repseq.sh
3
4  sequence=$(eval echo {$1..$2})
5
6  for i in $sequence
7  do
8    compute=$(echo "$i % $3" | bc)
9    result="$result $compute"
10 done
11
12 echo $result
13
```

Which of the commands below would create the following output?

```
1  1 2 0 1 2 0 1 2 0
```

✓ **Correct**

7. What's the purpose of the **local** keyword?   1 / 1 point

✓ **Correct**

8. Which of the following are **not** part of the Unix Philosophy?   0.8 / 1 point

! **Incorrect**

9. What actions are taken by the following commands?   1 / 1 point

```
1  chmod a+x my_program
2  chmod go-rw my_program
```

✓ **Correct**

10. What is one reason you might want to modify the **PATH** environmental variable?   1 / 1 point

✓ **Correct**