



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

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## Bash Programming

LATEST SUBMISSION GRADE

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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?

1 / 1 point

✓ Correct

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