

Variables And Data Types Practice Problems

Solutions:

Paste everything below this into “variablesAndDataTypes.py” to get the correct format:

```
# Removing the 9 from 9variableNamesCannotBeginWithANumber gives variableNamesCannotBeginWithANumber, a valid variable
```

```
# name.
```

```
variableNamesCannotBeginWithANumber = True
```

```
initial = 3
```

```
# There are only 2 Boolean values: True and False. Since True was assigned to the variable
```

```
# "variableNamesCannotBeginWithANumber", and we want a different boolean value to be assigned to the variable
```

```
# "boolean", boolean must be assigned the value False.
```

```
boolean = False
```

```
# I chose to give posInt the value 7, but you could have assigned it any positive integer you wanted such as 1, 1000, 1000000, 23498, etc.
```

```
posInt = 7
```

```
zero = 0
```

```
# I chose to assign negFloat the value -3.9, but you could have given it any decimal number less than zero: -3.0, -34.8,
```

```
# -23487.9787, etc.
```

```
negFloat = -3.9
```

```
# You could have reassigned the variable "initial" any value of any of the types you have been shown:
```

```
# An integer such as: 1, 9, 156, or -5
```

```
# A float such as: 4.1148, .001138, or -.42
```

```
# A boolean value: either True or False
```

```
initial = 18
```