CALCULATOR CALLS

Below are the printouts of some of the calculator functions from RStudio:

Addition:

```
[1] "##########################"
[1] "SCIENTIFIC CALCULATOR 2.0"
[1] "Press 1  for Addition"
[1] "Press 2  for Subtraction"
[1] "Press 3  for Multiplication"
[1] "Press 4  for Division"
[1] "Press 5  for the Exponent"
[1] "Press 6  for the Square Root"
[1] "Press 7  for the Square"
[1] "Press 8  for Sine"
[1] "Press 9  for Cosine"
[1] "Press 10 for Tangent"
[1] "Press 11 for Factorial"
[1] "##########################"
Enter choice[1/2/3/4/5/6/7/8/9/10/11]: 1
Enter first number: 4.5
Enter second number: 6.7
[1] "######### ANSWER #########"
[1] "4.5 + 6.7 = 11.2"

Do you wish to continue? Type 'y' or any key to quit:
```

Division:

```
[1] "##########################"
[1] "SCIENTIFIC CALCULATOR 2.0"
[1] "Press 1  for Addition"
[1] "Press 2  for Subtraction"
[1] "Press 3  for Multiplication"
[1] "Press 4  for Division"
[1] "Press 5  for the Exponent"
[1] "Press 6  for the Square Root"
[1] "Press 7  for the Square"
[1] "Press 8  for Sine"
[1] "Press 9  for Cosine"
[1] "Press 10 for Tangent"
[1] "Press 11 for Factorial"
[1] "##########################"
Enter choice[1/2/3/4/5/6/7/8/9/10/11]: 4
Enter first number: 34.5
Enter second number: 0
[1] "######### ANSWER #########"
[1] "34.5 / 0 = Error, can't divide by zero"

Do you wish to continue? Type 'y' or any key to quit:
```

Squareroot:

```
[1] "#########################"
[1] "SCIENTIFIC CALCULATOR 2.0"
[1] "Press 1  for Addition"
[1] "Press 2  for Subtraction"
[1] "Press 3  for Multiplication"
[1] "Press 4  for Division"
[1] "Press 5  for the Exponent"
[1] "Press 6  for the Square Root"
[1] "Press 7  for the Square"
[1] "Press 8  for Sine"
[1] "Press 9  for Cosine"
[1] "Press 10 for Tangent"
[1] "Press 11 for Factorial"
[1] "#########################"
Enter choice[1/2/3/4/5/6/7/8/9/10/11]: 6
Enter first number: 646
[1] "######### ANSWER #########"
[1] "Squareroot of 646 = 25.4165300542777"

Do you wish to continue? Type 'y' or any key to quit:
```

Sine:

```
[1] "#########################"
[1] "SCIENTIFIC CALCULATOR 2.0"
[1] "Press 1  for Addition"
[1] "Press 2  for Subtraction"
[1] "Press 3  for Multiplication"
[1] "Press 4  for Division"
[1] "Press 5  for the Exponent"
[1] "Press 6  for the Square Root"
[1] "Press 7  for the Square"
[1] "Press 8  for Sine"
[1] "Press 9  for Cosine"
[1] "Press 10 for Tangent"
[1] "Press 11 for Factorial"
[1] "#########################"
Enter choice[1/2/3/4/5/6/7/8/9/10/11]: 8
Enter first number: 200
[1] "######### ANSWER #########"
[1] "Sine of  200 = -0.342020143325669"

Do you wish to continue? Type 'y' or any key to quit:
```

Factorial and exiting the program:

```
[1] "###########################"
[1] "SCIENTIFIC CALCULATOR 2.0"
[1] "Press 1  for Addition"
[1] "Press 2  for Subtraction"
[1] "Press 3  for Multiplication"
[1] "Press 4  for Division"
[1] "Press 5  for the Exponent"
[1] "Press 6  for the Square Root"
[1] "Press 7  for the Square"
[1] "Press 8  for Sine"
[1] "Press 9  for Cosine"
[1] "Press 10 for Tangent"
[1] "Press 11 for Factorial"
[1] "###########################"
Enter choice[1/2/3/4/5/6/7/8/9/10/11]: 11
Enter first number: 16
[1] "######### ANSWER #########"
[1] "16 ! = 20922789888000"
Do you wish to continue? Type 'y' or any key to quit: c
[1] "THANK YOU!"
```