Beginner Coding Challenges & Solutions

Challenge 1: Greet the User

Task: Ask the user for their name and print a greeting.

Solution (Python):

```python
name = input("What is your name? ")
print("Hello, " + name + "! Nice to meet you.")
```

Challenge 2: Even or Odd?

Task: Ask for a number, tell if it's even or odd.

Solution (Python):

```python
number = int(input("Enter a number: "))
if number % 2 == 0:
    print("That number is even.")
else:
    print("That number is odd.")
```

Challenge 3: Simple Repeater

Task: Print "Code" five times.

Solution (Python):

```python
for i in range(5):
    print("Code")
```

Challenge 4: Mini Calculator

Task: Ask for two numbers and print the sum.

Solution (Python):

```python
num1 = int(input("Enter first number: "))
num2 = int(input("Enter second number: "))
sum_result = num1 + num2
print("The sum is:", sum_result)
```

Challenge 5: Bonus - Guess the Number

Task: Computer picks a number (1-10), user guesses.

Solution (Python):

```python
import random
secret_number = random.randint(1, 10)
guess = int(input("Guess a number between 1 and 10: "))
if guess == secret_number:
    print("Congratulations! You guessed it right Congrats!")
else:
    print("Oops! The correct number was", secret_number)
```