

```
Enter the number of bits for the secret code: 3
Welcome to Mastermind!
Enter your guess (a binary string of length 3): 000
Try 1: Your Guess = 000 - Score = 2
Enter your guess (a binary string of length 3): 100
Try 2: Your Guess = 100 - Score = 1
Enter your guess (a binary string of length 3): 010
Try 3: Your Guess = 010 - Score = 1
Enter your guess (a binary string of length 3): 001
Try 4: Your Guess = 001 - Score = 3
Congratulations! You guessed the secret code.
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```
Enter the number of bits for the secret code: 4
Welcome to Mastermind!
Enter your guess (a binary string of length 4): 0000
Try 1: Your Guess = 0000 - Score = 3
Enter your guess (a binary string of length 4): 1000
Try 2: Your Guess = 1000 - Score = 2
Enter your guess (a binary string of length 4): 0100
Try 3: Your Guess = 0100 - Score = 2
Enter your guess (a binary string of length 4): 0010
Try 4: Your Guess = 0010 - Score = 2
Enter your guess (a binary string of length 4): 0001
Try 5: Your Guess = 0001 - Score = 4
Congratulations! You guessed the secret code.
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```
Enter the number of bits for the secret code: 5
Welcome to Mastermind!
Enter your guess (a binary string of length 5): 00000
Try 1: Your Guess = 00000 - Score = 2
Enter your guess (a binary string of length 5): 00111
Try 2: Your Guess = 00111 - Score = 1
Enter your guess (a binary string of length 5): 01110
Try 3: Your Guess = 01110 - Score = 3
Enter your guess (a binary string of length 5): 10110
Try 4: Your Guess = 10110 - Score = 3
Enter your guess (a binary string of length 5): 11010
Try 5: Your Guess = 11010 - Score = 5
Congratulations! You guessed the secret code.
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