Case 1: Too low, lost

```
[1]  import random
     # Generating a random number between 1 and 10
     secret_number = random.randint(1, 10)
     attempts = 0
     while attempts < 3:
         guess = int(input("Guess any number between 1 and 10: "))
         if guess < secret_number:
             print("Too low, try again!")
         elif guess > secret_number:
             print("Too high, try again!")
         else:
             print("Congratulations, You have guessed it right.")
             break
         attempts += 1
     if attempts == 3:
         print(f"You lost! The correct number was {secret_number}.")
```

```
⇥  Guess any number between 1 and 10: 2
   Too low, try again!
   Guess any number between 1 and 10: 3
   Too low, try again!
   Guess any number between 1 and 10: 4
   Too low, try again!
   You lost! The correct number was 8.
```

Case 2: Too high, lost

```
Guess any number between 1 and 10: 10
Too high, try again!
Guess any number between 1 and 10: 9
Too high, try again!
Guess any number between 1 and 10: 5
Too low, try again!
You lost! The correct number was 6.
```

Case 3: High and low, won

```
Guess any number between 1 and 10: 5
Too low, try again!
Guess any number between 1 and 10: 8
Too high, try again!
Guess any number between 1 and 10: 6
Congratulations, You have guessed it right.
```