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In [7]: import random
Easy_Level_Attempts=10
Hard_Level_Attempts=5
def set_difficult(level_chosen):
    if level_chosen=="easy":
        return Easy_Level_Attempts
    elif level_chosen=="hard":
        return Hard_Level_Attempts
    else:
        return
def check_ans(guessed_num,ans,attempts):
    if guessed_num < ans:
        print("Ur guessed num is too low..Try again!")
        return attempts-1
    elif guessed_num > ans:
        print("Ur guessed num is too high..Try again!")
        return attempts-1
    else:
        print(f"Ur guessed num is right. The ans was {ans}")
def game():
    print("Let me guess the number b/w 1 to 50")
    ans=random.randint(1,50)
    level=input("Choose the level of difficulty..Type easy or hard: ")
    attempts=set_difficult(level)
    if attempts != Easy_Level_Attempts and attempts != Hard_Level_Attempts:
        print("U have entered the wrong level of difficulty..Try again!!")
        return
    guessed_num=0
    while guessed_num!=ans:
        print(f"U have {attempts} attempts remaining to guess the number")
        guessed_num=int(input("Guess any number: "))
        attempts=check_ans(guessed_num,ans,attempts)
        if attempts==0:
            print("U are out of guesses..U lose!!")
            return
        elif guessed_num!=ans:
            print("Guess again")
game()
```

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Let me guess the number b/w 1 to 50
Choose the level of difficulty..Type easy or hard: easy
U have 10 attempts remaining to guess the number
Guess any number: 35
Ur guessed num is too high..Try again!
Guess again
U have 9 attempts remaining to guess the number
Guess any number: 30
Ur guessed num is too high..Try again!
Guess again
U have 8 attempts remaining to guess the number
Guess any number: 20
Ur guessed num is too high..Try again!
Guess again
U have 7 attempts remaining to guess the number
Guess any number: 10
Ur guessed num is too low..Try again!
Guess again
U have 6 attempts remaining to guess the number
Guess any number: 15
Ur guessed num is right. The ans was 15
```