



# CODE OF THE CHAMPIONS

BEST TOP 40 CODES FOR INTERVIEW



T20 WORLD CUP 2022, MELBOURNE CRICKET GROUND, AUSTRALIA. THE STADIUM IS ALIVE WITH ENERGY, PACKED WITH FANS OF BOTH TEAMS -PYTHON AND SQL-CHEERING PASSIONATELY. THE RIVALRY BETWEEN THESE TWO TEAMS HAS GROWN LEGENDARY, AND EVERYONE KNOWS THAT THIS MATCH WILL BE ONE FOR THE HISTORY BOOKS.

# THE KOHLI SHOWDOWN

## PALINDROME NUMBER

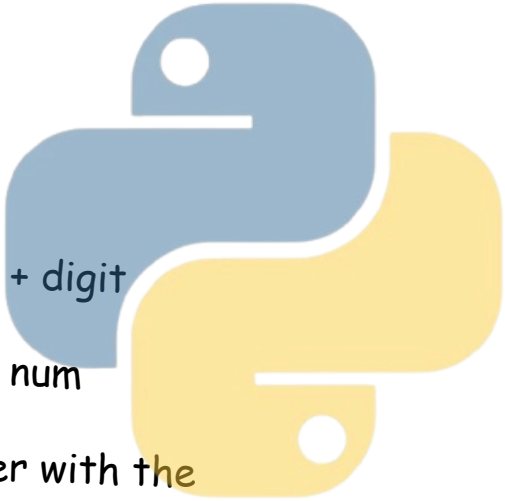
```
def is_palindrome(num):
    # Store the original number to compare later
    original = num
    reverse = 0

    # Reverse the number
    while num > 0:
        # Get the last digit
        digit = num % 10
        reverse = (reverse * 10) + digit
        num = num // 10
    # Remove the last digit from num

    # Compare the original number with the
    reversed number
    if original_num == reversed_num:
        return True
    else:
        return False

# Test the function
num = int(input("Enter a number: "))

if is_palindrome(num):
    print(f"{num} is a palindrome.")
else:
    print(f"{num} is not a palindrome.")
```




## FACTORIAL OF A NUMBER

```
def fact(a):
    if a == 0:
        return 1
    else:
        return ((a)*fact(a-1))

num=int(input("Enter the number: "))

result = fact(num)
print("The factorial of a given number is",
result)
```







# THE CONCLUSION

As the players shake hands, both teams share a moment of respect. Python fought valiantly, but in the end, it was SQL's experience and calm under pressure that made the difference.

For Kohli's SQL, it's a hard-earned victory, and for Babar's Code, his fight with the bowl, though not enough, was inspiring.

Babar Code(to his team, with a smile): This was more than just a match; it was a code to remember. The crowd erupts in applause. The rivalry between Python and SQL will go down as one of the greatest in T20 World Cup history